

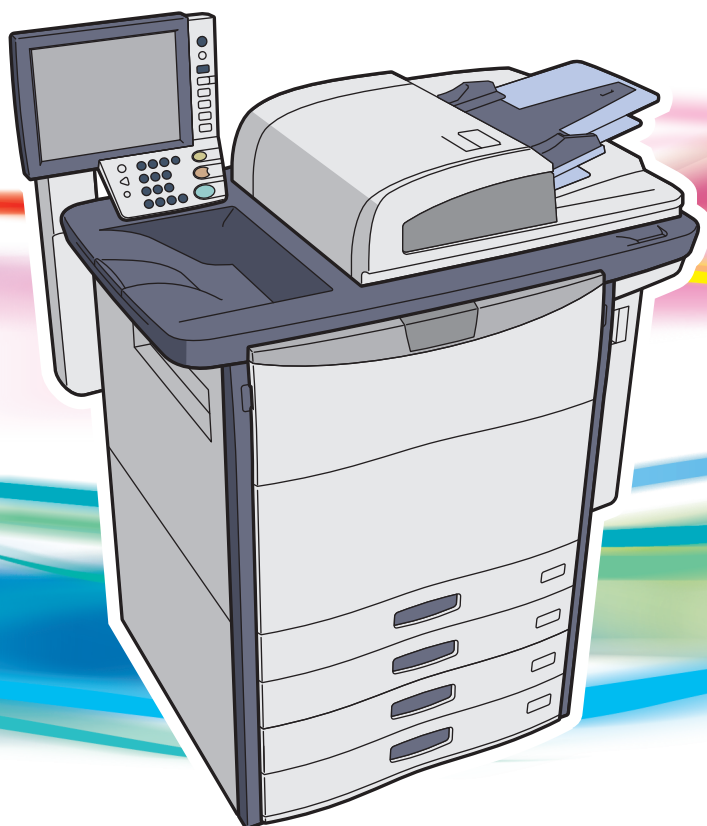
MULTIFUNCTIONAL DIGITAL COLOR SYSTEMS

Quick Start Guide

e-STUDIO5540c

e-STUDIO6540c

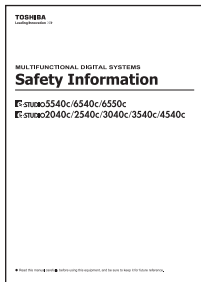
e-STUDIO6550c



Lineup of Our Manuals

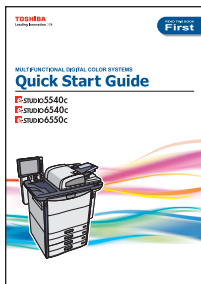
Some of these manuals are printouts and others are PDF files recorded in the User Documentation CD-ROM. In the printouts, precautions and basic operations are described. Be sure to read "Safety Information" before using the equipment. In the PDF files, detailed copying functions and other settings are described. Select and read those best suited to your needs.

Printouts



Safety Information

This Safety Information describes the necessary precautions for use. For your added security, be sure to read this booklet first.



Quick Start Guide (This manual)

This Quick Start Guide describes the preparations, basic and advanced usage, maintenance and regular cleaning of the equipment.

How to use the User Documentation CD

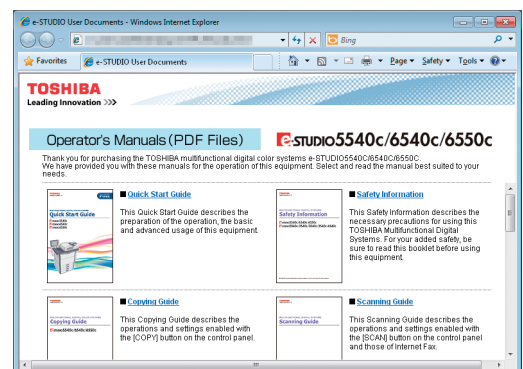
Windows:

1. Set the User Documentation CD in the CD-ROM drive on your computer.
The browser starts automatically and the menu is displayed.

Note

If the menu is not displayed, open the User Documentation CD from the explorer and double-click "index.html".

2. Click the cover page or the title of the operator's manual to be viewed from the menu. Its PDF file is displayed.



Macintosh:

1. Set the User Documentation CD in the CD-ROM drive on your computer.
2. Open the [e-STUDIO Manual] folder in the User Documentation CD and the [PDF] folder.
3. Double-click the file of the operator's manual to be viewed. Its PDF file is displayed.

Copying Guide

This Copying Guide describes the operations and settings enabled with the [COPY] button on the control panel.

Scanning Guide

This Scanning Guide describes the operations and settings enabled with the [SCAN] button on the control panel and those of Internet Fax.

e-Filing Guide

This e-Filing Guide describes the operations and settings enabled with the [e-FILING] button on the control panel and the e-Filing web utility.

This e-Filing web utility enables you to operate e-Filing using the browser on your computer.

MFP Management Guide

This MFP Management Guide describes the operations and settings enabled with the [USER FUNCTIONS] button and the [COUNTER] button on the control panel.

Software Installation Guide

This Software Installation Guide describes the installation procedures for printer drivers and utilities.

Printing Guide

This Printing Guide describes the settings of printer drivers required for printing and the various procedures.

TopAccess Guide

This TopAccess Guide describes procedures for remote setup and management from a web-based utility, "TopAccess".

This "TopAccess" web utility enables you to manage the equipment using the browser on your computer.

Troubleshooting Guide

This Troubleshooting Guide describes how to deal with problems, such as paper jams, as well as how to react to messages displayed on the touch panel.

Network Fax Guide

This Network Fax Guide describes the operations of the N/W-Fax Driver.

The N/W-Fax driver enables you to send electronic documents as faxes or Internet faxes from your computer.

High Security Mode Management Guide

This High Security Mode Management Guide describes the conditions and settings to use the equipment in the high security mode.

Operator's manuals of options

In the following options sold separately, the corresponding operator's manuals are co-packed.

- GD-1250/GD-1260/GD-1270 Operator's Manual for FAX Unit
- GN-1060 Operator's Manual for Wireless LAN Module
- GN-2010 Operator's Manual for Bluetooth Module
- GP-1070 Operator's Manual for Data Overwrite Enabler
- KP-2004 Operator's Manual for e-BRIDGE ID Gate
- KP-2005 Operator's Manual for e-BRIDGE ID Gate

To read manuals in PDF (Portable Document Format) files

Viewing and printing manuals in PDF files require that you install Adobe Reader or Adobe Acrobat Reader on your PC. If Adobe Reader or Adobe Acrobat Reader is not installed on your PC, download and install it from the website of Adobe Systems Incorporated.

How to Read This Manual

Symbols in this manual

In this manual, some important items are described with the symbols shown below. Be sure to read these items before using this equipment.

⚠ WARNING Indicates a potentially hazardous situation which, if not avoided, could result in death, serious injury, or serious damage, or fire in the equipment or surrounding objects.

⚠ CAUTION Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury, partial damage to the equipment or surrounding objects, or loss of data.

Note Indicates information to which you should pay attention when operating the equipment.

Read the following description as required.

Tip Describes handy information that is useful to know when operating the equipment.

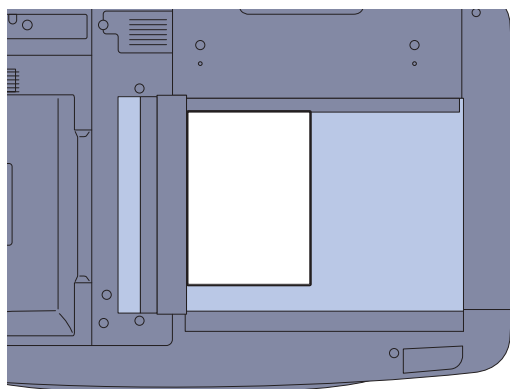


Indicates the pages describing items related to what you are currently doing.

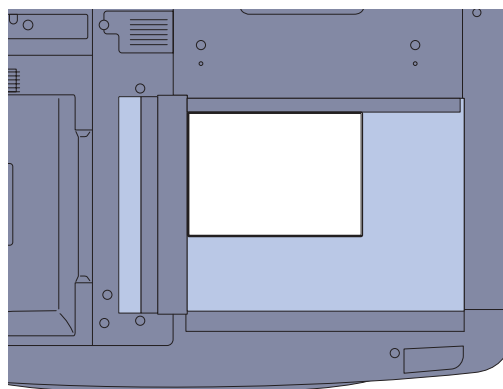
Description of original/paper direction

Paper or originals of A4 or B5 / LT size can be placed either in a portrait direction or in a landscape direction. In this manual, “-R” is added to this paper size when this size of paper or original is placed in a landscape direction.

Example: A4 / LT size original on the original glass



Placed in a portrait direction: A4 / LT



Placed in a landscape direction: A4-R / LT-R

Paper or originals of A3 or B4 / LD or LG size can only be placed in a landscape direction, therefore “-R” is not added to these sizes.

Screens and Operation Procedures

- In this manual, the screens and the operation procedures in Windows are described for Windows 7. The details on the screens may differ depending on how the equipment is used, such as the status of the installed options, the OS version and the applications.
- The illustration screens used in this manual are for paper in the A/B format. If you use paper in the LT format, the display or the order of buttons in the illustrations may differ from that of your equipment.

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Recommended toner cartridges

To assure optimal printing performance, we recommend that you use only genuine TOSHIBA toner cartridges. If you use a TOSHIBA-recommended toner cartridge, you can utilize the following two functions of this equipment:

- **Cartridge detecting function:**

This function checks if the toner cartridge is correctly installed and notifies you if it is not.

- **Toner remaining check function:**

This function notifies you when there is little toner remaining in the cartridge, as well as notifying it to your authorized service representative automatically by the remote service.

If you are using a toner cartridge other than the one we recommend, the equipment may not be able to detect whether it is installed or not. Therefore, even if the toner cartridge is correctly installed, the error message "TONER NOT RECOGNIZED" appears on the touch panel and printing may not be performed. You may also not be able to utilize the toner remaining check function and the remote service function notifying your authorized service representative automatically.

If you are using a toner cartridge other than the one we recommend, toner is not recognized. If this is a problem for you, please contact your service representative. Remember you will not be able to utilize the cartridge check function as we mentioned.

Trademarks

- The official name of Windows XP is Microsoft Windows XP Operating System.
- The official name of Windows Vista is Microsoft Windows Vista Operating System.
- The official name of Windows 7 is Microsoft Windows 7 Operating System.
- The official name of Windows Server 2003 is Microsoft Windows Server 2003 Operating System.
- The official name of Windows Server 2008 is Microsoft Windows Server 2008 Operating System.
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- NOVELL, NetWare and NDS are trademarks of Novell, Inc. in the US.
- TopAccess is a trademark of Toshiba Tec Corporation.
- Other company and product names given in this manual or displayed in this software may be the trademarks of their respective companies.

Chapter 1

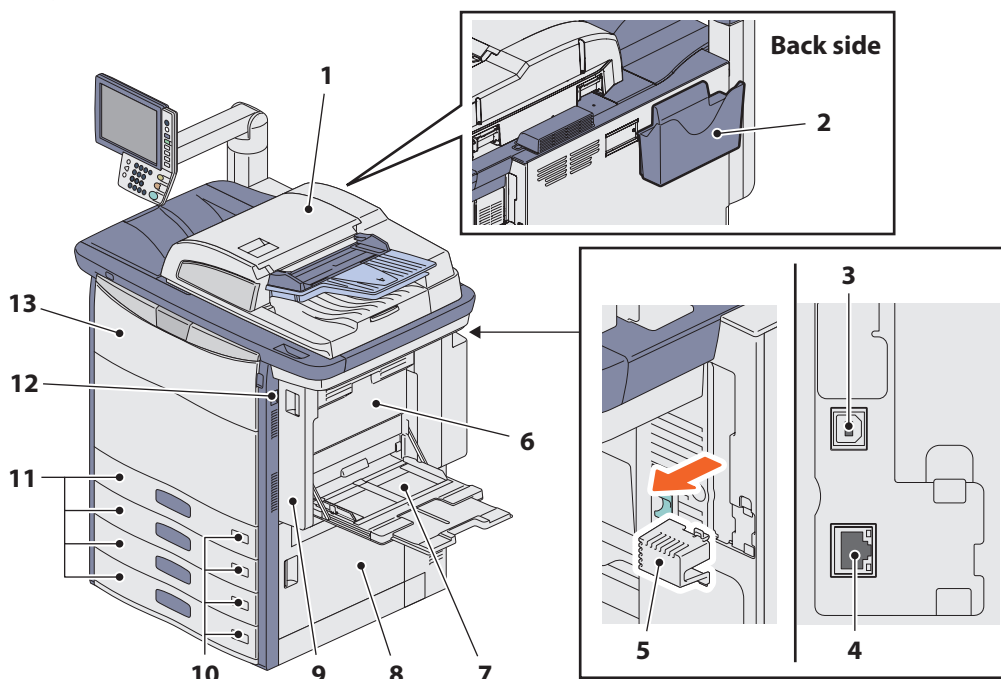
PREPARATIONS

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Description of Each Component

This section describes the names and operations of the equipment, control panel and touch panel.

Front / Right side



1. Reversing Automatic Document Feeder

The stack of originals is scanned one sheet at a time. Both sides of the originals can be scanned. A maximum of 100 originals (80 g/m² or 20 lb. Bond) (or stack height 16 mm or 0.62") can be placed in one go. (The maximum number of sheets that can be set may vary depending on the media type of the originals.)

2. Operator's Manual Pocket (back side)

Keep the manual in this pocket.

3. USB terminal (4-pin)

Use this terminal when connecting this equipment to a PC with a commercially available USB cable.

4. Network interface connector

Use this connector when connecting this equipment to a network.

5. Network interface connector cover

6. Duplexing unit cover

Open it when paper jams occur in the duplexing unit.

7. Bypass tray

Use this to perform printing on special media types such as OHP film, waterproof paper, etc.

📖 P.23 "Bypass copying" in this manual

8. Paper feed cover

Open this cover when releasing paper misfed in the drawer feeding area.

9. Duplexing unit

Use this unit for printing on both sides of the paper. Open it when paper jams occur.

10. Paper size indicator

The size of the paper set in the drawer can be checked.

11. Drawer

A maximum of 540 sheets (80 g/m² or 20 lb. Bond) or 500 sheets (105 g/m² or 28 lb. Bond) of plain paper can be placed in one go.

12. Main power switch

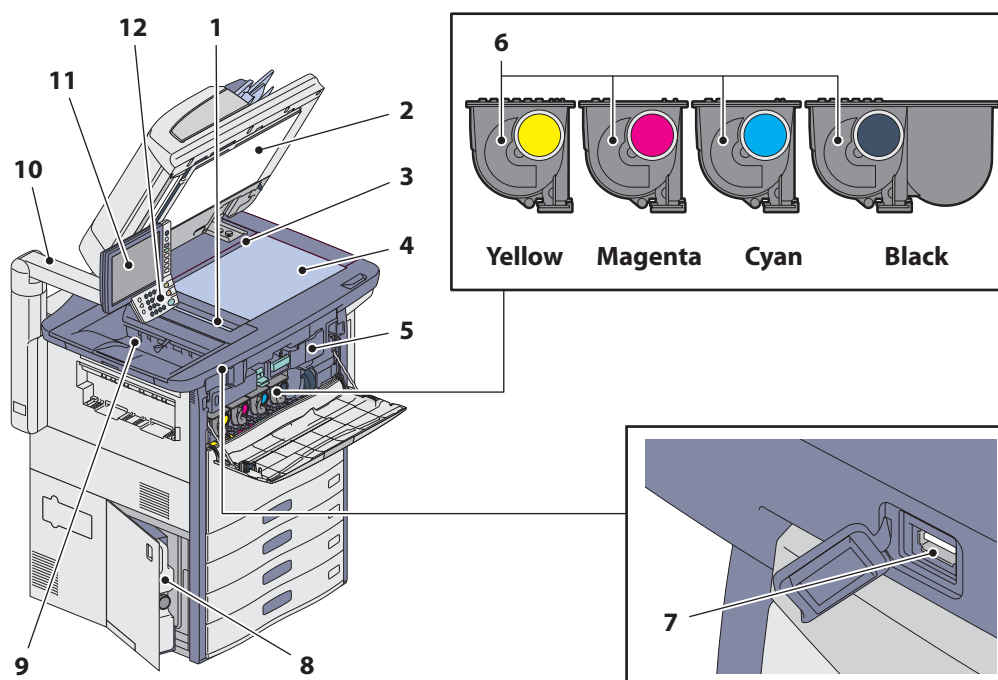
Use this switch to turn the power of the equipment ON or OFF.

📖 P.12 "Turning Power ON/OFF"

13. Front cover

Open this cover when replacing the toner cartridge or releasing paper misfed in the Bridge Unit.

Left / Inner side



1. Scanning area

The data of originals transported from the Reversing Automatic Document Feeder are scanned here.

📖 P.40 "Regular Cleaning" in this manual

2. Platen sheet

Use this to hold the original on the original glass to scan it.

📖 P.40 "Regular Cleaning" in this manual

3. Original scale

Use this to check the size of an original placed on the original glass.

4. Original glass

Use this to copy three-dimensional originals, book-type originals and special paper such as OHP film or tracing paper, as well as plain paper.

5. Bridge unit

Open it when paper jams occur.

6. Toner cartridge

When toner runs out, the message appears on the touch panel. Replace the cartridge following the procedure below.

📖 P.36 "Replacing Toner Cartridge" in this manual

7. USB port

Use this port when printing files stored in a USB device or storing scanned data into the USB device.

8. Waste toner box

When "Dispose of used toner" appears on the touch panel, replace the waste toner box according to the following procedures.

📖 P.37 "Replacing Waste Toner Box" in this manual

9. Receiving tray

Printed paper exits into this tray. The loading capacity is approx. 100 sheets (80g/m² or 20 lb. Bond). This may vary depending on the paper conditions such as the degree of paper curling.

10. Control panel arm

Use this to adjust the height of the control panel.

📖 P.9 "Adjustment of the height and angle of the control panel" in this manual

11. Touch panel

Use this to set and operate various types of functions such as copying, scanning and fax. This also displays messages, such as when paper runs out or paper jams occur.

📖 P.10 "Touch panel" in this manual

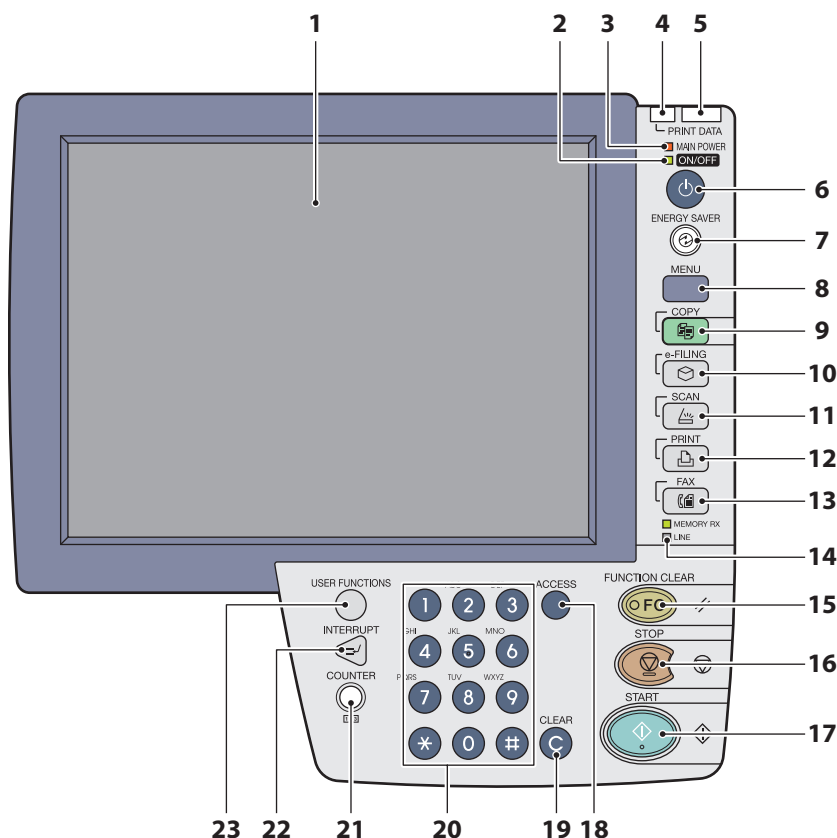
12. Control panel

Use this to set and operate various types of functions such as copying and fax.

📖 P.8 "Control panel" in this manual

Control panel

Use the buttons on the control panel for various operations and settings in the equipment.



1. Touch panel

Use this panel for the various settings of the copying, scanning and Fax functions. This also displays messages, such as when paper runs out or paper jams occur.

2. ON/OFF lamp

This green lamp lights when the [POWER] button is ON.

3. MAIN POWER lamp

This red lamp lights when the main power switch is ON.

4. PRINT DATA lamp

This green lamp lights during reception of data such as print data.

5. Alarm lamp

This red lamp lights when an error occurs and some action needs to be taken.

6. [POWER] button

Use this button to turn the power of the equipment ON or OFF (shutdown).

7. [ENERGY SAVER] button

Use this button for the equipment to enter the energy saving mode.

8. [MENU] button

Use this button to display frequently used templates.

9. [COPY] button

Use this button to access the copying function.

10. [e-FILING] button

Use this button to access stored image data.

11. [SCAN] button

Use this button to access the scanning function.

12. [PRINT] button

Use this button to access the printing functions such as private printing, in this equipment.

13. [FAX] button

Use this button to access the Fax / Internet Fax function.

14. MEMORY RX / LINE lamps

These green lamps light in the status of the fax data reception and fax communication. The equipment can be operated even while these lamps are lighting.

15. [FUNCTION CLEAR] button

When this button is pressed, all selected functions are cleared and returned to the default settings. If the default setting is changed on the control panel, and then copying, scanning, Fax or similar is performed, this button blinks.

16. [STOP] button

Use this button to stop any scanning and copying operations in progress.

17. [START] button

Use this button to start copying, scanning and Fax operations.

18. [ACCESS] button

Use this button when the department code or user information has been set. If this button is pressed after copying, etc., the next user needs to enter the department code or user information.

P.62 "Logging in" in this manual

19. [CLEAR] button

Use this button to correct the numbers keyed in, such as the number of copy sets.

20. Digital keys

Use these keys to enter any numbers such as the number of copies, telephone numbers or passwords.

21. [COUNTER] button

Use this button to display the counter.

MFP Management Guide (PDF): "Chapter 3: MANAGING COUNTERS (COUNTER MENU)"

22. [INTERRUPT] button

Use this button to interrupt print processing and perform a copy job. The interrupted job is resumed through your pressing this button again.

23. [USER FUNCTIONS] button

Use this button for paper size or media type setting of drawers, and registration of the copy, scan and FAX settings including a default setting change.

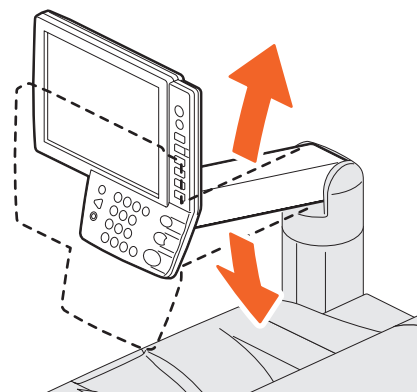
MFP Management Guide (PDF): "Chapter 1: SETTING ITEMS (USER)"

MFP Management Guide (PDF): "Chapter 2: SETTING ITEMS (ADMIN)"

Adjustment of the height and angle of the control panel

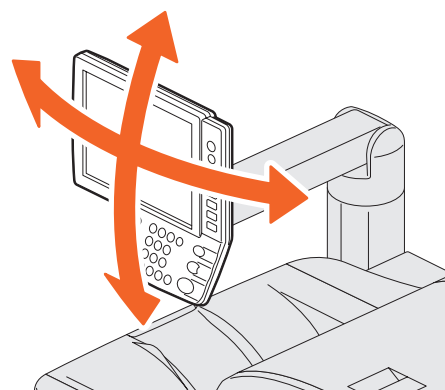
Adjusting the height of the control panel

The height of the control panel is adjustable for your convenience.



Adjustment of the angle of the control panel

The angle of the control panel is adjustable: right, left, up or down.



Touch panel

When the power is turned ON, the basic menu for copying functions is displayed on this touch panel. The status of the equipment is also displayed on the touch panel with messages and illustrations.

The menu shown at the time of turning the power ON can be changed to one for functions other than copying, for example, Fax function. Contact your service technician or representative for details.



1. Function display

The function being used, such as copying or fax, is displayed.

2. [?] (HELP) button

Use this button to view the explanation of each function or the buttons on the touch panel.

📖 P.43 "Using the Help functions" in this manual

3. [JOB STATUS] button

This indicates the processing status of copy, fax, scan or print jobs, and also allows you to view their performance history.

4. Date and time

The present date and time are displayed.

5. Alert message indication area

This shows alert messages such as when the toner cartridges must be replaced.

6. Message indication area

The explanation of each operation or the current status is displayed in message form.

Message displayed

The following information appears on the touch panel:

- Equipment status
- Operational instructions
- Cautionary messages
- Reproduction ratios
- Number of copy sets
- Paper size and amount of paper remaining in a selected drawer
- Date and time

Touch-buttons

Press these buttons on the touch panel lightly to set various functions.

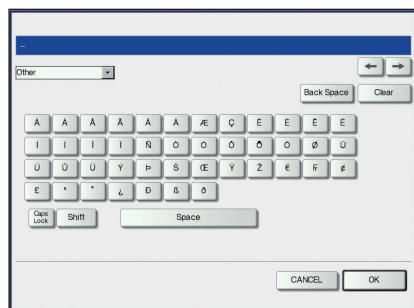
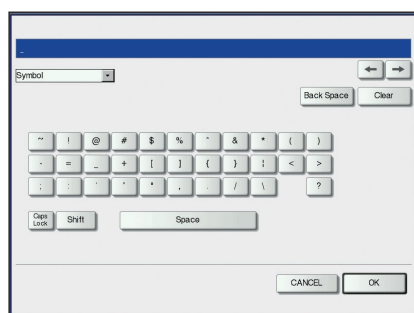
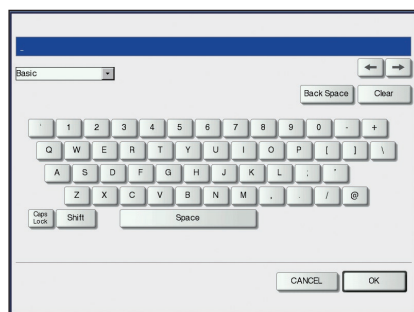
Adjusting the contrast of the touch panel

You can set the contrast of the touch panel in the USER FUNCTIONS menu entered by pressing the [USER FUNCTIONS] button on the control panel.

📖 *MFP Management Guide* (PDF): "Chapter 1: SETTING ITEMS (USER)" - "Setting General Functions"

Setting letters

The following menu is displayed when the entry of any letter is required for scanning or e-Filing, etc.
Use the buttons on the touch panel for letter entry.
After entering the letters, press [OK]. The menu will be changed.



The following buttons are used for letter entry.

- [Basic]: Press this to access the basic keys.
- [Symbol]: Press this to access the symbol keys.
- [Other]: Press this to access the special keys.

- [Caps Lock]: Press this to switch capital letters and small letters.
- [Shift]: Press this to enter capital letters.
- [Space]: Press this to enter a space.



: Press these to move the cursor.

- [Back Space]: Press this to delete the letter before the cursor.
- [Clear]: Press this to delete all letters entered.

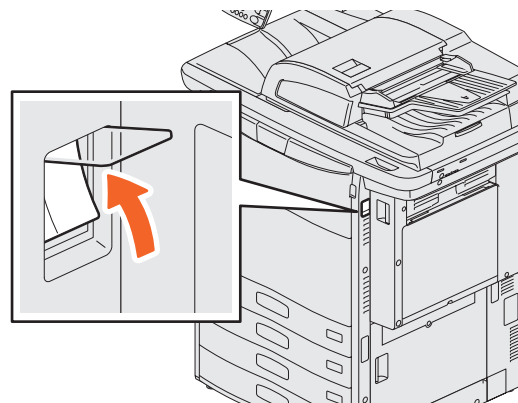
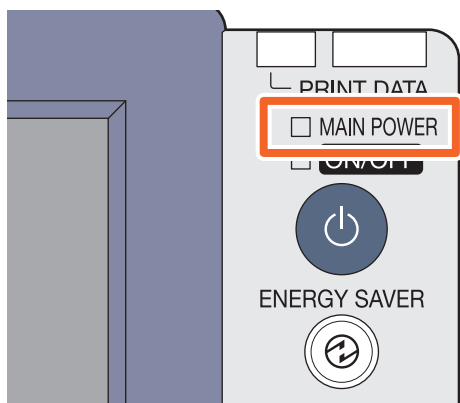
- [CANCEL]: Press this to cancel the entry of letters.
- [OK]: Press this to fix all entered letters.

Turning Power ON/OFF

This section explains how to turn the power ON and OFF as well as the energy saving mode. How to turn the power ON differs between when the MAIN POWER lamp (red) on the control panel is lit and when it is not.

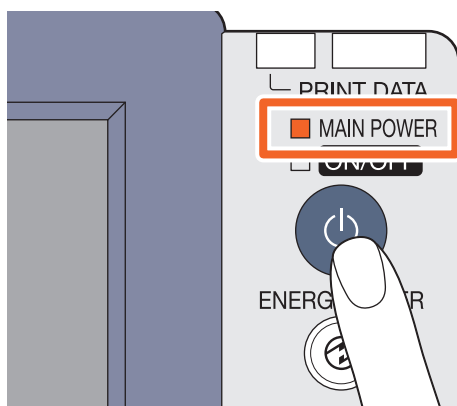
Turning the power ON

When the MAIN POWER lamp (red) on the control panel does not light:



Open the main power switch cover and turn the power ON there.

When the MAIN POWER lamp (red) on the control panel lights:



Press the [POWER] button.

- The equipment starts warming-up. "Wait Warming Up" appears during warming-up.
- While the equipment is warming up, you can use the auto job start function. For details, refer to the following guide:
Copying Guide (PDF): "Chapter 2: HOW TO MAKE COPIES" - "Making Copies"

The equipment will be ready for copying after about 180 seconds and "READY" appears.

When you turn the power of the equipment OFF, be sure also to shut it down by pressing the [POWER] button on the control panel. Do not simply turn the main power switch OFF. For details, see the following page:

P.13 "Turning the power OFF (Shutdown)" in this manual

When "ERASING DATA" appears

This message appears when the Data Overwrite Enabler (optional) has been installed. It appears immediately after the power is turned ON or after the equipment has been operated. You can operate the equipment even if it is displayed.

Tip

When the equipment is controlled under the department or user management function, enter the department code or user information first. For details, see the following page:

P.62 "Logging in" in this manual

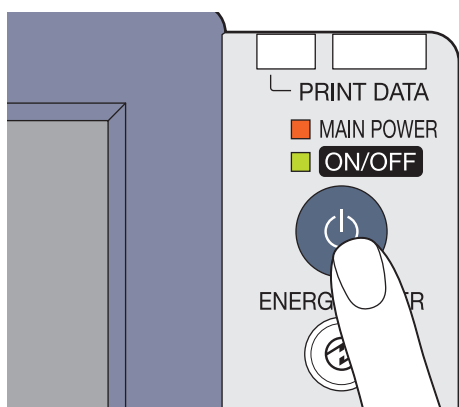
Turning the power OFF (Shutdown)

When turning the power of the equipment OFF, be sure to shut it down according to the procedure below. Check the following three points before shutdown.

- No jobs should be left in the print job list.
- None of the PRINT DATA lamp (green) or the MEMORY RX / LINE lamps (green) should be blinking.
(If the equipment is shut down while any of the above lamps is blinking, jobs in progress such as FAX reception will be aborted.)
- No computer should access the equipment via the network, such as TopAccess.

Notes

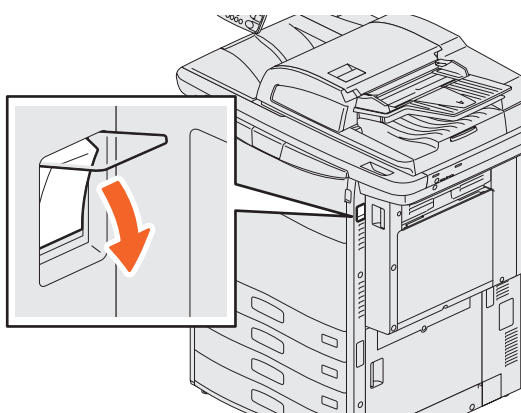
- When the ON/OFF lamp (green) lights on the control panel, do not simply press the main power switch to turn the power OFF. The stored data may be lost or the hard disk may be damaged.
- If a job in process exists when the [POWER] button of the control panel is pressed, "Processing job will be deleted. Are you sure you want to shutdown?" appears. If you press [YES], the job in process will be deleted and the equipment will be shut down. If you do not want to shut down the equipment, press [NO].
- The power of this equipment is automatically turned ON when print data or fax data are received or when the time set for "Scheduled Print" has come during the Super Sleep mode.



Press the [POWER] button until a "pip" sound is heard.

"Shutdown is in progress." appears for a while, and then the power is turned OFF.

When the equipment is not used for a long period of time:



Press the [POWER] button on the control panel to shut down the equipment, check that the ON/OFF lamp (green) is not lit and then turn the power OFF with the main power switch.

When the power is turned OFF with the main power switch, the MAIN POWER lamp (red) will go out.

Saving energy when not in use – energy saving modes –

This equipment supports three energy saving modes; the Automatic Energy Save mode, Sleep mode and Super Sleep mode. The table below shows the procedures to switch modes manually and the conditions under which the equipment enters into or recovers from each mode.

Energy saving modes	Procedure to switch modes	Conditions to enter into the mode	Status of equipment	Conditions to recover from the mode
Automatic Energy Save mode	When a specified period of time ^{*1} has passed since the last use of the equipment.	—	"Saving energy - press START button." appears on the touch panel.	When a button on the control panel ^{*2} is pressed or when print data or fax data are received.
Sleep mode	When the [ENERGY SAVER] button ^{*3} is pressed or when a specified period of time ^{*4} has passed since the last use of the equipment.	When a particular option ^{*5} is installed or when a particular protocol ^{*6} is enabled.	The touch panel display goes off and the [ENERGY SAVER] button lights in green.	Same as the Automatic Energy Save mode.
Super Sleep mode	When the [ENERGY SAVER] button ^{*3} or the [POWER] button ^{*7} is pressed or when a specified period of time ^{*4} has passed since the last use of the equipment.	When a particular option ^{*5} is not installed and also when a particular protocol ^{*6} is disabled.	Only the MAIN POWER lamp (red) lights.	When the [POWER] button is pressed, when print or fax data are received through a wired LAN or when the time set for Scheduled Print has come.

*1 The default value set at the factory shipment is 1 minute.

*2 Any of the [START], [ENERGY SAVER], [COPY], [e-FILING], [SCAN], [PRINT] and [FAX] buttons.

*3 [ENERGY SAVER] button on the control panel.


*4 The default value set at the factory shipment is 1 minute (The default value set at the factory shipment of the European version is 20 minutes).

*5 Any of the Wireless LAN Module, Bluetooth Module and e-BRIDGE ID Gate.

*6 Any of IPX, AppleTalk and other protocols. When the IPsec function is enabled, the equipment enters into the Sleep mode. For details, refer to the following guide:

 **TopAccess Guide** (PDF): "Chapter 8: [Administration] Tab Page" - "[Setup] Item list"

*7 Even if you press the [Power] button, the equipment may not enter into the Super Sleep mode and the power may be turned OFF, depending on the state of the equipment. For the conditions under which the equipment enters into the Super Sleep mode, refer to the following guide:

 **TopAccess Guide** (PDF): "Chapter 8: [Administration] Tab Page" - "[Setup] Item list"

For changing the set period of time for entering into each mode, refer to the following guide:

 **MFP Management Guide** (PDF): "Chapter 2: SETTING ITEMS (ADMIN)" - "Setting General Functions"

Note

For the European version

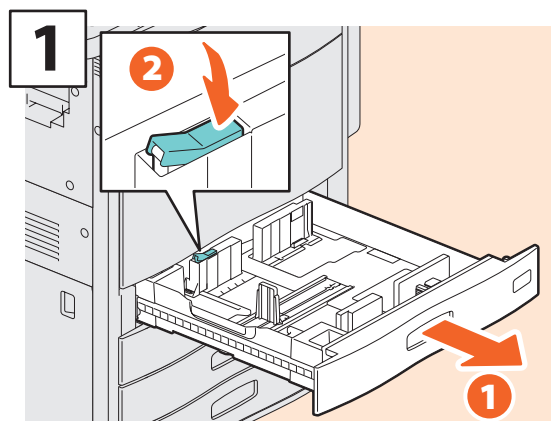
Contact your service representative to change the default settings noted above.

When the set period of time for switching to the Automatic Energy Save mode is the same as that for the Sleep mode or the Super Sleep mode, the equipment enters into the Sleep mode or the Super Sleep mode after the set period of time.

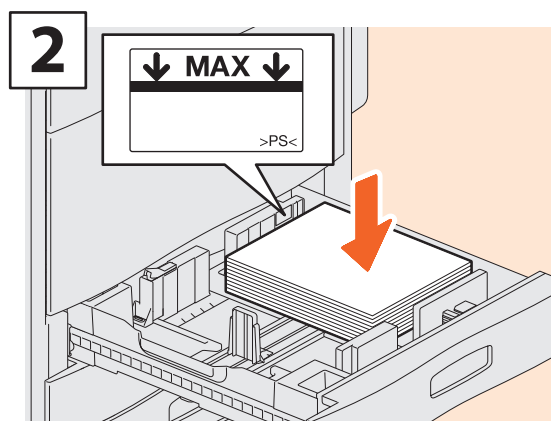
Placing Paper and Originals

This section explains how to set paper and originals. Incorrect setting causes image skews or paper jams. Follow the procedure below.

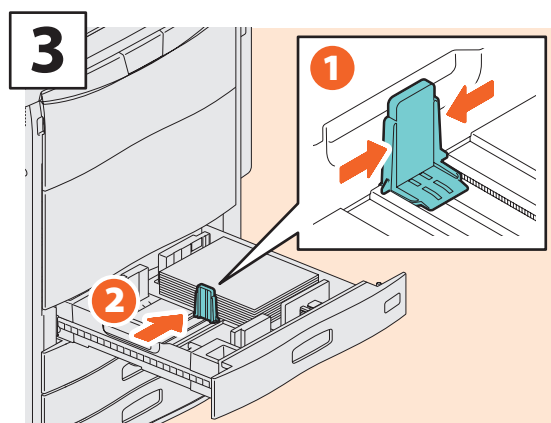
Placing paper



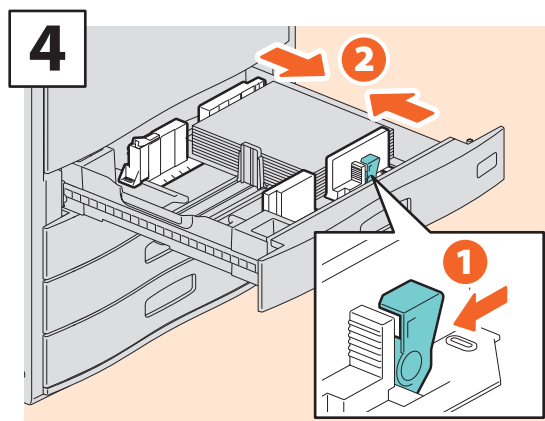
Pull out the drawer and release the lock.



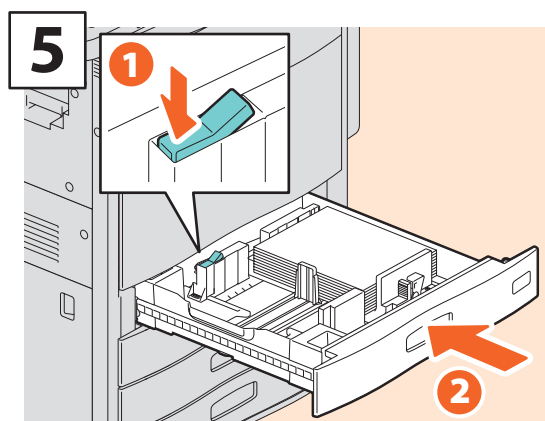
Place paper in the drawer.



Set the end guide so that it matches the paper size.



Set the side guides so that they match the paper size.



Lock the guides and push in the drawer.



CAUTION

Be careful not to catch your fingers when pushing the drawer back

This could injure you.

Note

Be sure that the height of the stacked paper does not exceed the MAX line indicated on the side guides.

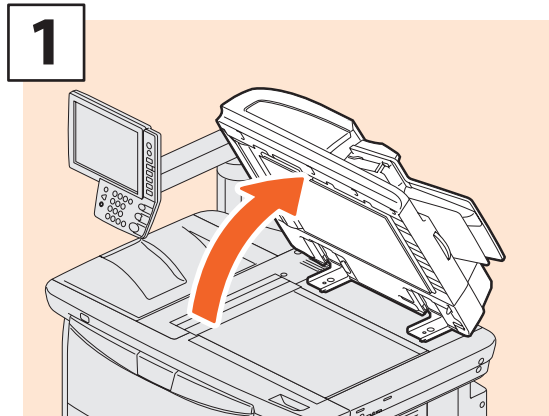
Tips

For paper available for the equipment, see the following page:

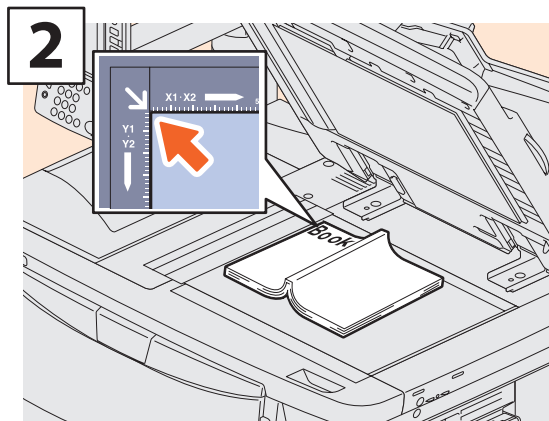
📖 P.65 "Specifications of Equipment" in this manual

Placing originals

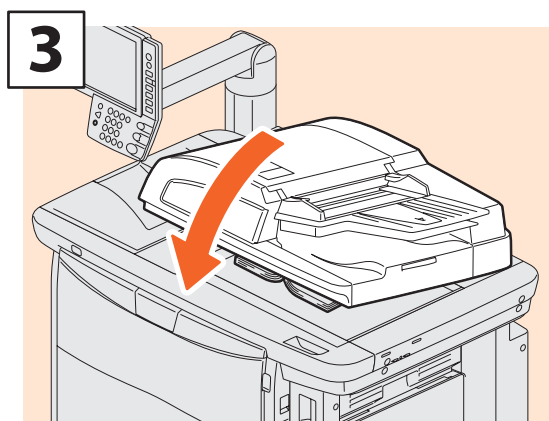
Original glass



Raise the Reversing Automatic Document Feeder.



Place the original with its face down on the original glass and align it against the left rear corner.



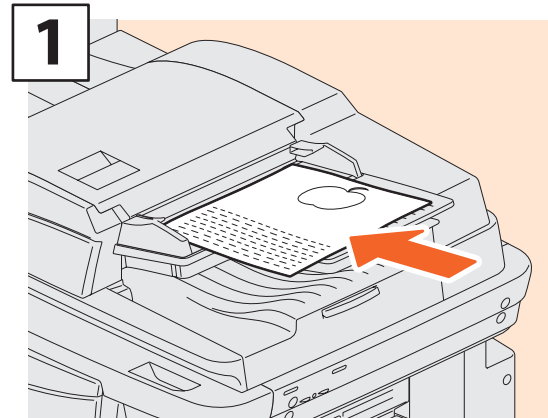
Lower the Reversing Automatic Document Feeder carefully.

CAUTION

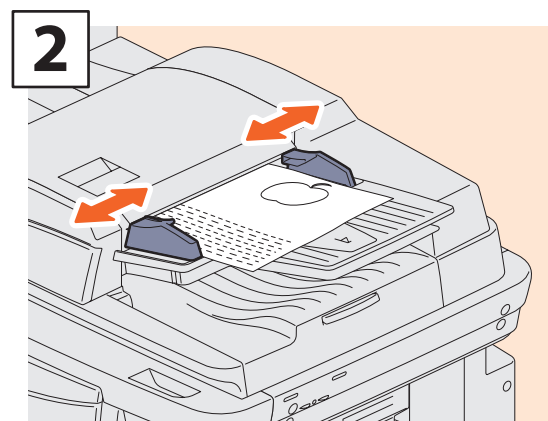
Do not place any heavy objects (4 kg (9 lb.) or over) on the original glass and do not press on it with force.

Breaking the glass could injure you.

Reversing Automatic Document Feeder



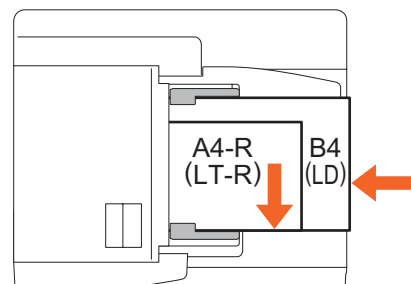
Place the originals face up on the original feeder tray.



Align the side guides to the original length.

Tip

When placing mixed-size originals on the Reversing Automatic Document Feeder (optional), adjust its side guides to the widest original, and then align the originals against the guide on the front side.




Installing Client Software

How to install the client software such as the printer driver from the Client Utilities CD-ROM co-packed with the equipment is described as follows.

Recommended installation

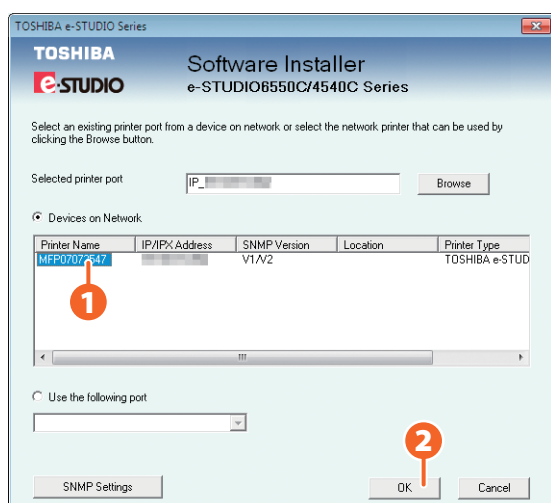
The recommended client software such as the printer driver can be installed all in one go.

- 1** Turn the power ON and confirm that "READY" appears on the touch panel.
 P.12 "Turning Power ON/OFF" in this manual
- 2** Insert the Client Utilities CD-ROM in the CD-ROM drive of a Windows computer.

Tip

To install the client software, log onto Windows with a user account which enables the installation such as "Administrators".

- 3** Select [I agree to the terms of the License Agreement.] and click [Next].
- 4** Click [Recommended].
- 5** Click [Install].
- 6** A list for the discovered printers is displayed. Then **1** select this equipment on the list and **2** click [OK].



Continued on next page 

7 When the installation is completed, click [Finish].



Tips

- For details of the Client Utilities CD-ROM, see the following page.
P.57 "Client Utilities CD-ROM" in this manual
- For details of the recommended installation, refer to the following guide.
Software Installation Guide (PDF): "Chapter 2: RECOMMENDED INSTALLATION"

8 Click [Exit] and then [Yes] to finish the installation.

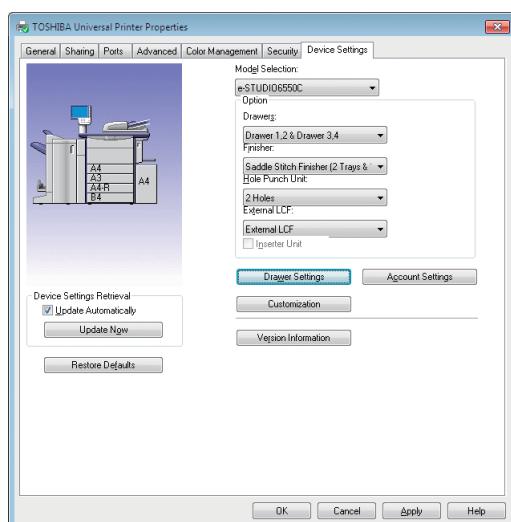
Setting the printer driver

Before using the printer driver, you must configure the options installed in the equipment.

1 Select [Devices and Printers] in the [Start] menu.

2 Select TOSHIBA Universal Printer, right-click and then click [Printer Properties].

3 The configuration data of the options can be obtained automatically by opening the [Device Settings] tab menu.



4 Click [OK]. The setting is completed.

Chapter 2

BASIC OPERATION

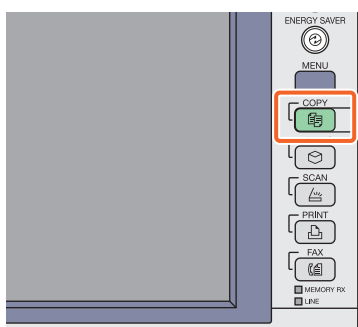
Basic Copying Operation	20
Basic Fax Operation	24
Basic Scanning Operation	28
Basic e-Filing Operation	30
Basic Printing Operation	32
Basic Menu Operation.....	34


Basic Copying Operation

The basic copying procedures, such as enlargement/reduction copying and duplex copying as well as bypass copying, are as follows.

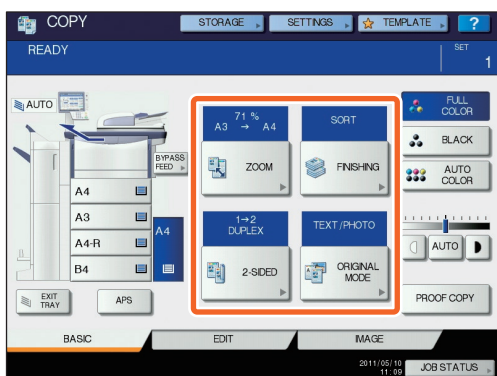
Making copies

- 1 Press the [COPY] button on the control panel.



- 2 Place the original(s).
 P.16 "Placing originals" in this manual

- 3 Select the copy modes as required.



Tip

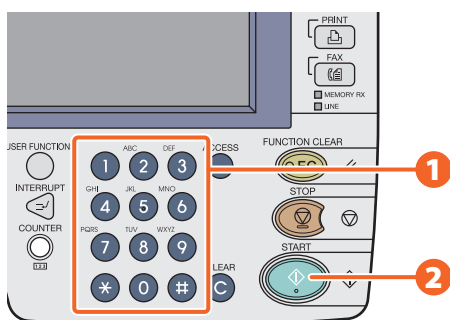
You can switch the color mode. There are 3 color modes as shown below.

FULL COLOR: All originals are copied in full color. (Default)

BLACK: All originals are copied in black and white.

AUTO COLOR: The equipment automatically judges the type of each color on originals. Colored originals are copied in full color and black-and-white originals are copied in black and white.

- 4
 - 1 Key in the desired number of copies, and then
 - 2 press the [START] button on the control panel. Copying starts.

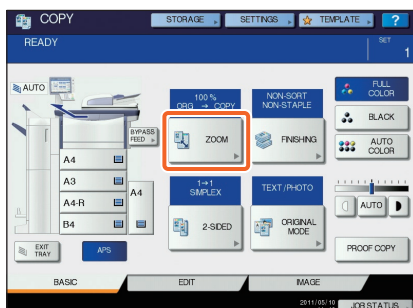


Tips

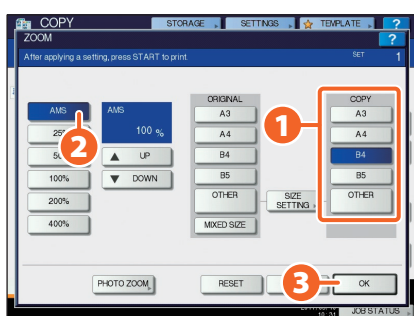
- To stop copying, press the [STOP] button on the control panel and then [MEMORY CLEAR] on the touch panel.
- Printed paper exits to the exit tray of the equipment or the Finisher (optional). The tray to which the paper exits is indicated by the arrow on the touch panel.

Enlargement and reduction copying

1 Press [ZOOM].



2 **1** Select the desired paper size, **2** press [AMS], and then **3** [OK].

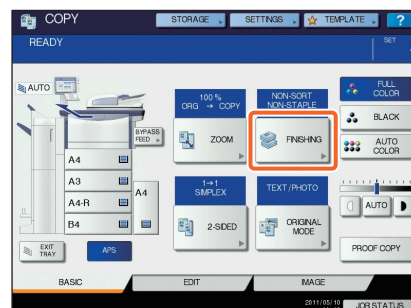


Tip

Align the originals according to the desired paper size and direction. The size of the originals will be automatically determined.
When copying a set of originals whose sizes and directions are different, press [MIXED SIZE].

Selecting finishing mode (sorting)

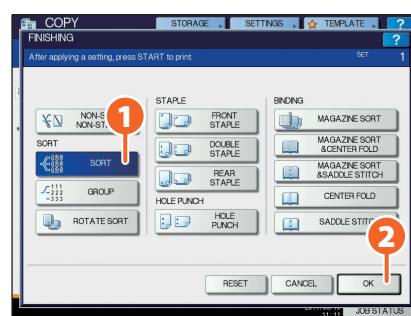
1 Press [FINISHING].



Tip

When you use the Reversing Automatic Document Feeder, the sorting mode is automatically set.

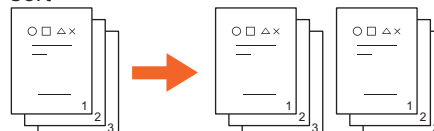
2 **1** Press [SORT] and then **2** [OK].



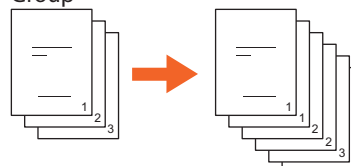
Tips

- To set the staple and the hole punch mode, the optional finishing devices are needed. For the necessary options, see the following page.
P.60 "Options" in this manual
- For example, when "Original 1", "Original 2" and "Original 3" are copied in 2 sets, they can be made as follows.

Sort

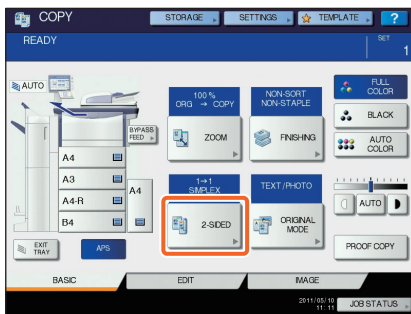


Group

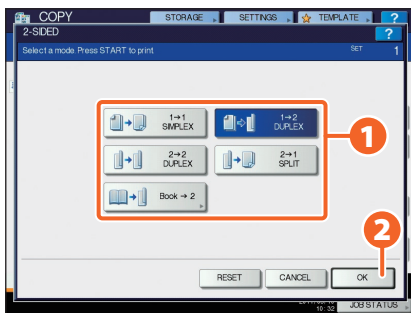


Setting duplex copy

- 1** Press [2-SIDED].



- 2** **1** Select the desired duplex mode and then **2** press [OK].



Tip

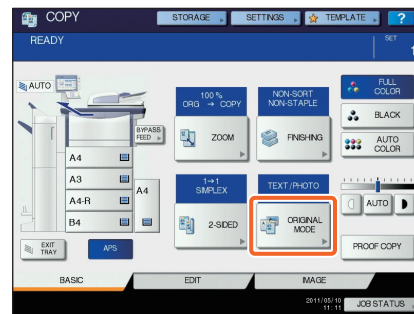
You can choose from 5 types.
For example, the following settings can be made.

1-sided original to 2-sided copy: 1→2 DUPLEX

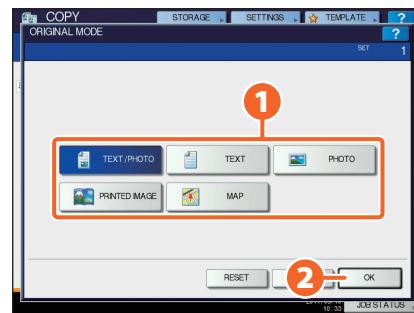
2-sided original to 2-sided copy: 2→2 DUPLEX

Setting original mode

- 1** Press [ORIGINAL MODE].



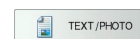
- 2** **1** Select the desired original mode and then **2** press [OK].





Tip

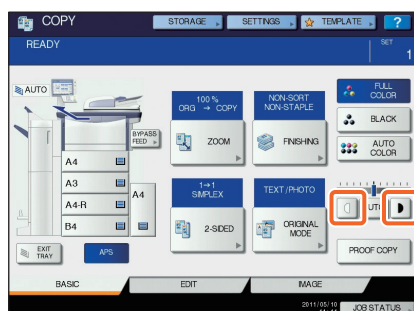
The selectable original mode differs depending on the color mode. In the full color mode, you can choose from 5 types.
For example, the following settings can be made.

Originals with text and photographs mixed:



Density adjustment

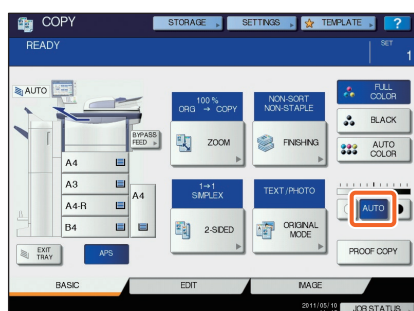
You can manually adjust the density by pressing either  or .



Tip

To lighten the density, press , to darken it, press .

Press [AUTO] to adjust the density automatically.

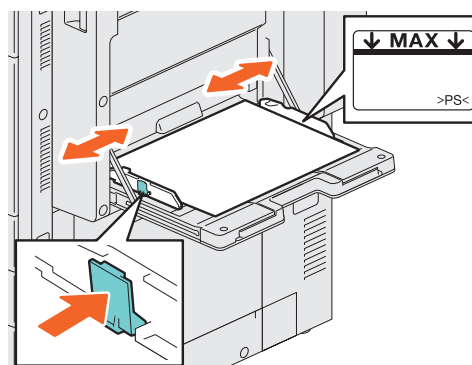


Tip

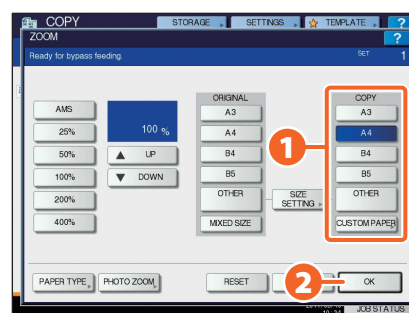
The automatic density adjustment is set by default.

Bypass copying

- 1 Place paper face down on the bypass tray.



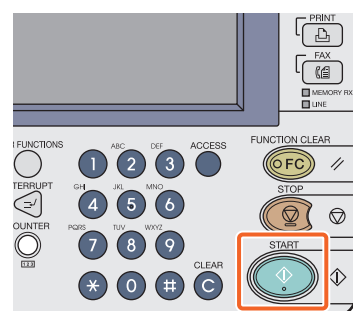
- 2 **1** Press the button corresponding to the size of paper set on the bypass tray and then **2** [OK].



Tip

Press [PAPER TYPE] if the type of the paper you placed on the bypass tray is other than plain paper.

- 3 Press the [START] button. Bypass copying starts.

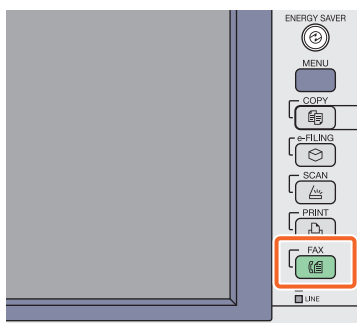


Basic Fax Operation

The basic procedures for sending a fax (the FAX Unit is optional), such as specifying fax numbers in the address book or setting the transmission conditions, are as follows.

Sending a fax

- 1 Press the [FAX] button on the control panel.



- 2 Place the original(s).
 P.16 "Placing originals" in this manual

- 3 Key in the fax number of the recipient by pressing [INPUT FAX No.] on the touch panel or the digital keys on the control panel.



Tip

If you make a mistake when entering a fax number, press [BACK SPACE] on the touch panel to delete them one by one.
 Or press the [CLEAR] button on the control panel or [CLEAR] on the touch panel to delete all the numbers you entered.

- 4 Press [SEND] on the touch panel. The fax starts being sent.



Tip

Alternatively, you can press the [START] button on the control panel to send a fax.

Specifying recipients in the address book

Specifying recipients one by one

1 Press the [SINGLE] tab to display the list of addresses, and then **2** the recipient's fax icon.



Specifying recipients in groups

1 Press [GROUP] tab to display the list of the groups, and then **2** the group name.



Tips

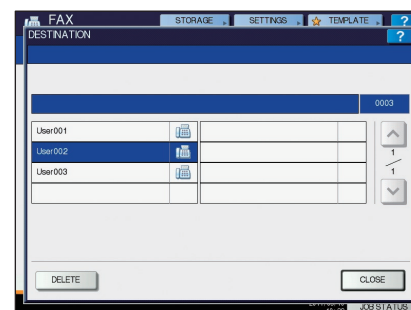
- You can specify up to a total of 400 recipients (single and group).
- To cancel a selected recipient, press it again.

Confirming recipients

1 Press [DESTINATION].



2 The recipient list screen is displayed.

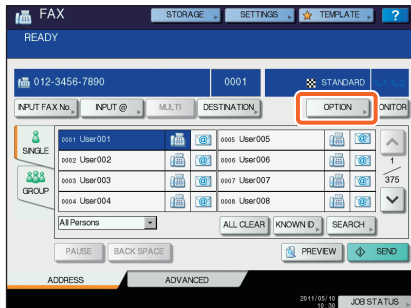


Tip

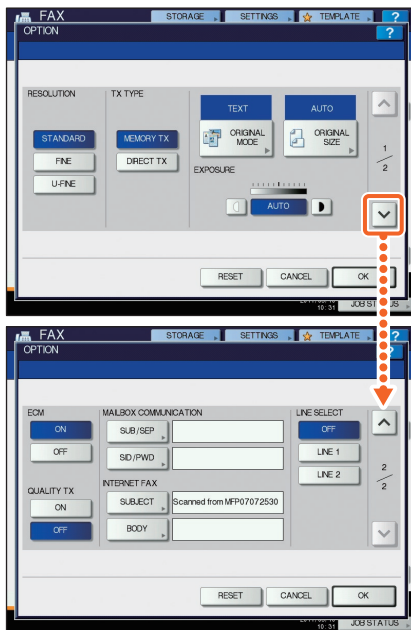
Select the recipient you want to delete, and then press [DELETE].

Setting the transmission conditions

- 1 Press [OPTION].



- 2 The transmission condition setting screen is displayed. Press \uparrow or \downarrow to switch the pages.



Tip

RESOLUTION: Set the resolution based on the fineness of the original.
ORIGINAL SIZE: Set the scan size of the original.

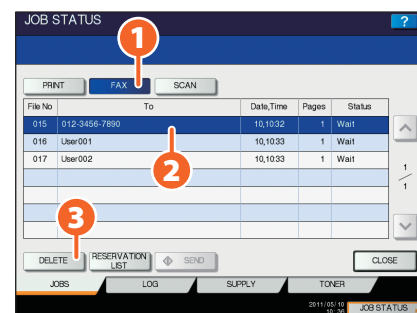
- 3 After each item is set, press [OK].

Canceling reserved transmissions

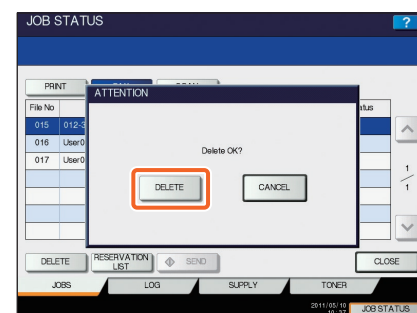
- 1 Press [JOB STATUS].



- 2
 - 1 Press [FAX],
 - 2 select the reserved transmission you want to delete, and
 - 3 press [DELETE].



- 3 Press [DELETE] on the confirmation screen. The reserved transmission is deleted.

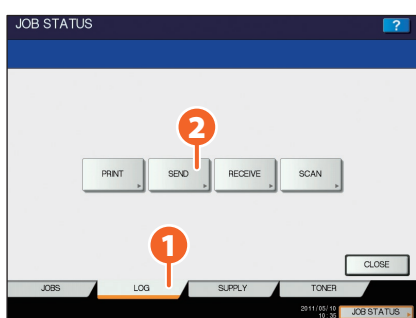


Checking communication status (log)

- 1 Press [JOB STATUS].



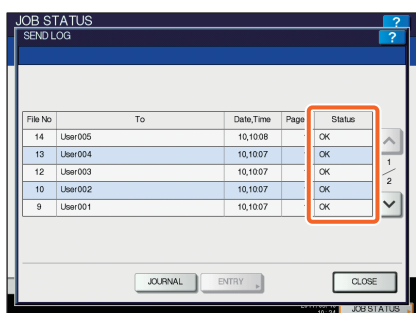
- 2
 - 1 Select the [LOG] tab and then
 - 2 press [SEND].



Tip

Press [RECEIVE] to check the fax reception log.

- 3 The communication status list is displayed. If [OK] is indicated in the "Status", the transmission succeeded.

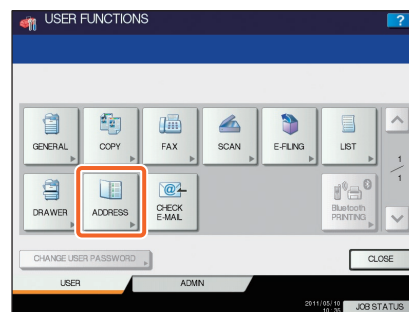


Tip

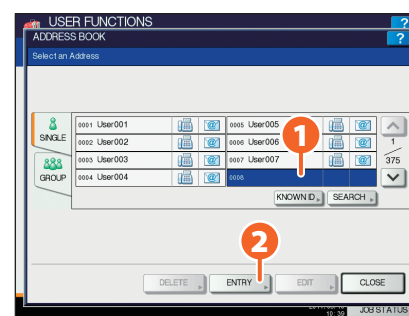
To register recipients in the address book from the send/receive log screen, select the record in the send or receive log, and then press [ENTRY].

Registering recipients

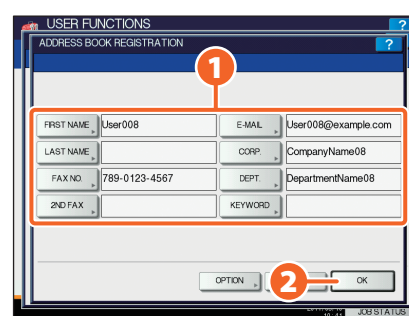
- 1 Press the [USER FUNCTIONS] button on the control panel and then [ADDRESS] on the touch panel.



- 2
 - 1 Press an open button to create a new recipient and then
 - 2 [ENTRY].



- 3
 - 1 Press each button on the touch panel to enter the following recipient information, and then
 - 2 [OK] to register it.

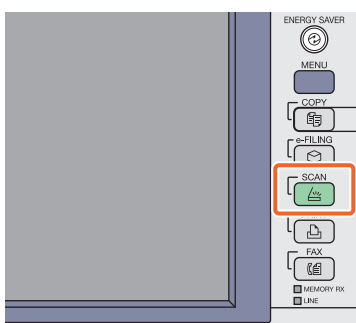


Basic Scanning Operation

How to store the scanned data in a shared folder and store these data in a Windows computer is described as follows.

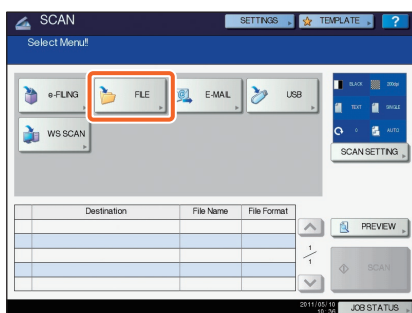
Storing the scanned data in a shared folder

- 1 Press the [SCAN] button on the control panel.

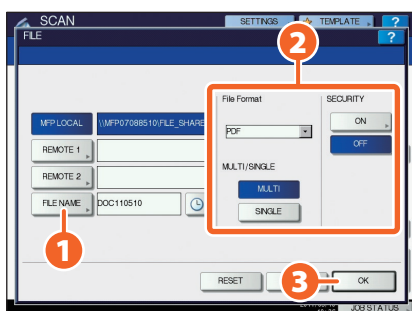


- 2 Place the original(s).
 P.16 "Placing originals" in this manual

- 3 Press [FILE] on the touch panel.

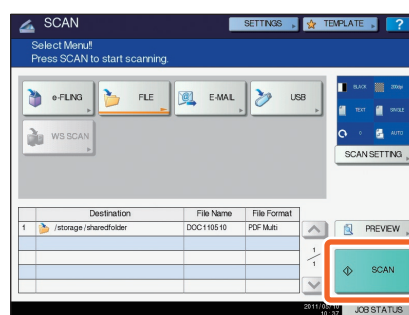


- 4
 - 1 Set [FILE NAME],
 - 2 FILE FORMAT, etc. and then
 - 3 press [OK].



- 5 Change the scan settings as required.

- 6 Press [SCAN] on the touch panel. Scanning starts.



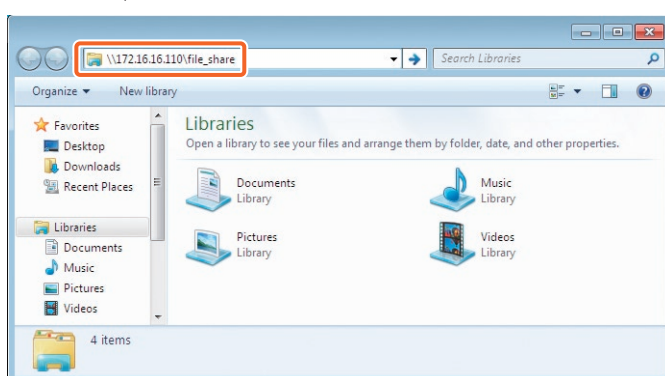
To store the scanned data of a shared folder in a Windows computer

1 Start up Windows Explorer.

2 Enter the name of the shared folder, in which the IP address of the equipment and the scanned data are stored, in the address bar with the following format, and then press the [Enter] button.

Format: \\[IP address of the equipment] \file_share

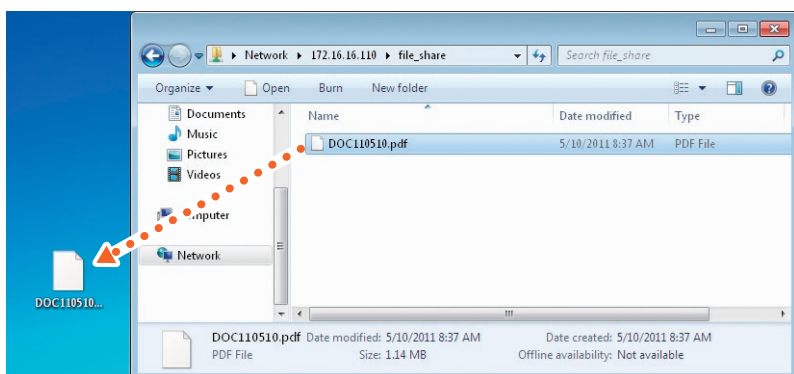
e.g.) When the IP address of the equipment is 172.10.10.110, enter **\\172.10.10.110\file_share** in the address bar of Windows Explorer.



Tips

- For the IP address of the equipment, ask your network administrator.
- It is convenient to make a shortcut of the “file_share” folder, since step 2 can be omitted.

3 Store the scanned data in a Windows computer.



Note

The scanned data stored in the shared folder will be automatically deleted in 30 days by default. Be sure to store them in a Windows computer before that.

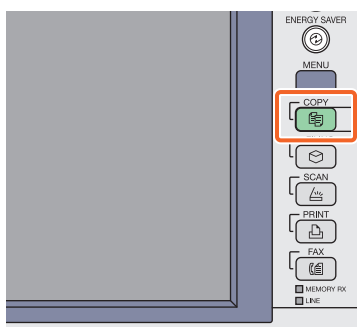
Basic e-Filing Operation

e-Filing is a function to store documents in the hard disk of the equipment, which can then be printed as required.

Storing documents

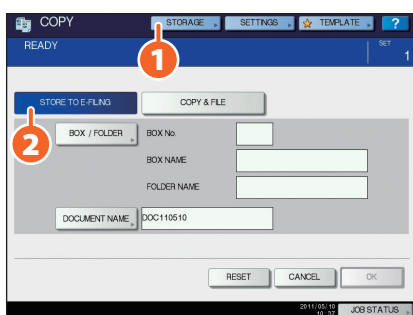
The originals are stored as e-Filing documents in the equipment.

- 1 Press the [COPY] button on the control panel.

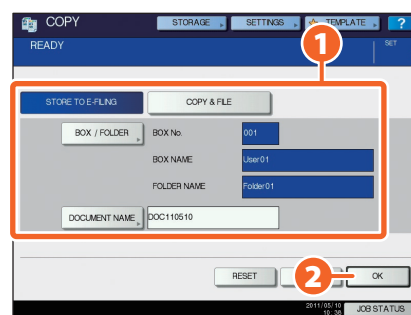


- 2 Place the original(s).
 P.16 "Placing originals" in this manual

- 3
 - 1 Press [STORAGE] and then
 - 2 [STORE TO E-FILING] on the touch panel.



- 4
 - 1 Specify the box to be stored and the document name, and then
 - 2 press [OK].



Tip

When "Print this document?" appears, press [YES] if you want to do this as well as store it.

- 5 Press the [START] button on the control panel to store the documents.

Tip

You can store documents not only by copying them but also by scanning them or using the printer driver. For details, refer to the following guides:

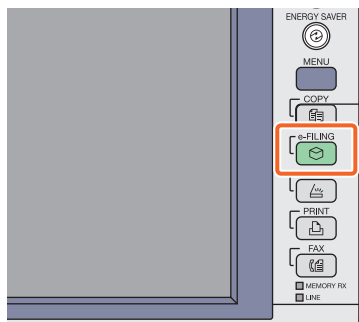
Scanning Guide (PDF): "Chapter 2: BASIC OPERATION" - "Scan to e-Filing"

Printing Guide (PDF): "Chapter 2: PRINTING FROM WINDOWS" - "Printing with the Best Functions for Your Needs"

Printing Documents

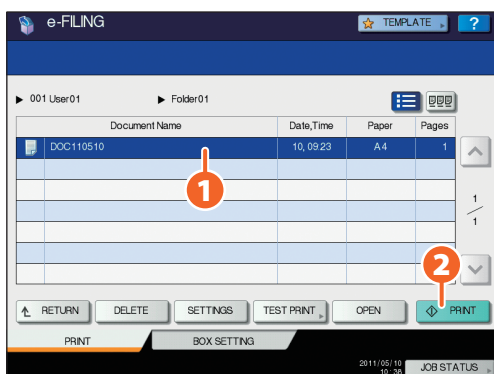
The procedure for printing documents stored in e-Filing is as follows.

- 1 Press the [e-FILING] button on the control panel.



- 2 Select the box on the touch panel that contains the document you want to print.

- 3
 - 1 Select the document you want to print, and then
 - 2 press [PRINT]. Printing starts.



Tip



Selected documents can be previewed in thumbnail form.

DELETE

Selected documents can be deleted from e-Filing.

SETTINGS

This enables you to make print settings, such as selecting the duplex printing mode or adding page numbers.

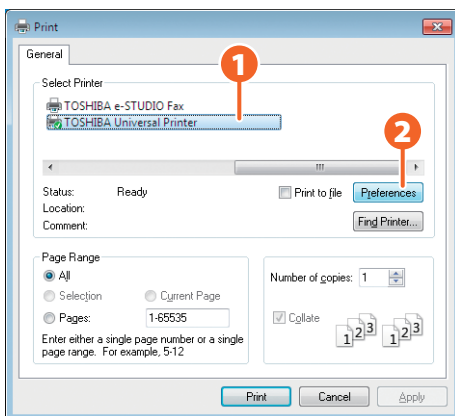
TEST PRINT

Specified pages of the document can be printed for confirmation.

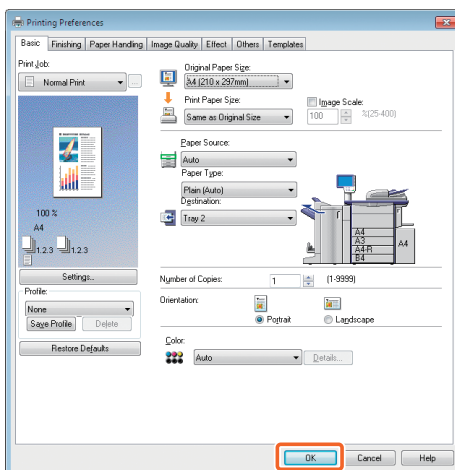
Basic Printing Operation

The basic operations of the printer are as follows. This is for printing from a Windows computer with a Universal Printer Driver, which needs to be installed in advance.

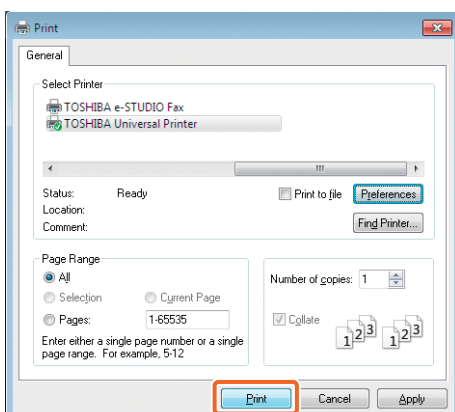
- 1 Select [Print] in the [File] menu of the application.
- 2 ① Select the printer driver of the equipment, and then ② click [Preferences] ([Properties]).



- 3 Set the print options as required and click [OK].



- 4 Click [Print] ([OK]). Printing starts.



Tip

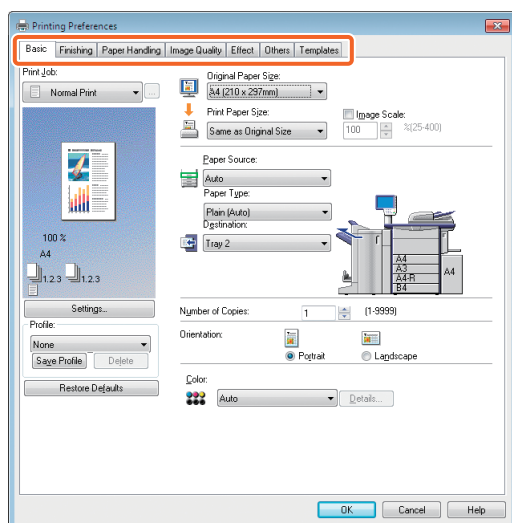
To install the printer driver in a Windows computer, refer to the following guide:

📖 P.17 "Installing Client Software" in this manual
 📖 **Software Installation Guide** (PDF): "Chapter 3: INSTALLING PRINTER DRIVERS FOR WINDOWS"

To install the printer driver in a Macintosh computer, refer to the following guide:

📖 **Software Installation Guide** (PDF): "Chapter 4: INSTALLING PRINTER DRIVERS FOR MACINTOSH"

Setting Universal Printer Driver



To specify paper size or number of copy sets

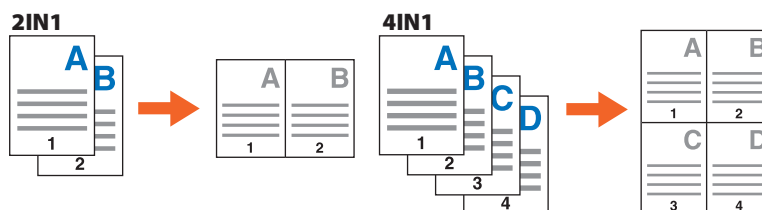
Click the [Basic] tab in the property dialog box of the printer driver.

To specify 2-sided printing or N-up printing

Click the [Finishing] tab in the property dialog box of the printer driver. If the Finisher (optional) is installed, "Staple" or "Hole Punch" can be selected.

Tip

Select "NUMBER OF PAGES PER SHEET" to print several pages on one sheet. The pages are reduced to fit the selected paper size automatically and printed.



To specify Destination or Front cover printing

Click the [Paper Handling] tab in the property dialog box of the printer driver.

To adjust Image Quality

Click the [Image Quality] tab in the property dialog box of the printer driver.

To print with character strings or graphics on the background of the paper

Click the [Effect] tab in the property dialog box of the printer driver.

To set not to print blank pages

Click the [Others] tab in the property dialog box of the printer driver.

To print with templates

Click the [Templates] tab in the property dialog box of the printer driver.

Note

The [Paper Handling] tab, [Image Quality] tab, [Effect] tab and [Templates] tab appear only when each setting is enabled with the Plug-in feature.

Software Installation Guide (PDF): "Chapter 3: INSTALLING PRINTER DRIVERS FOR WINDOWS"

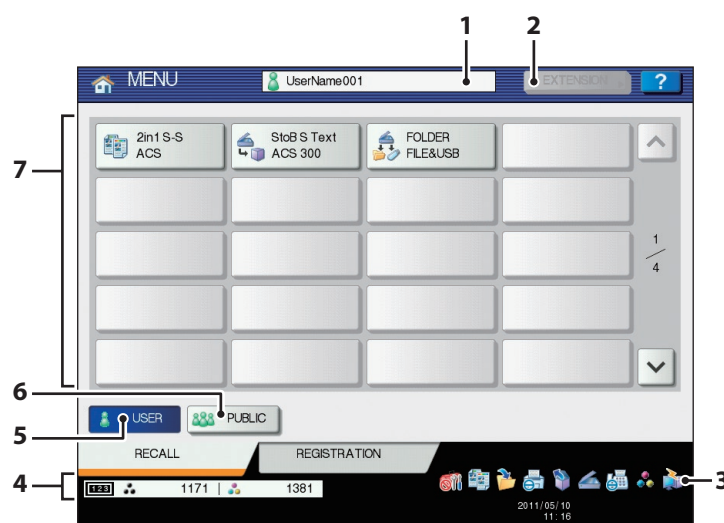
Basic Menu Operation

Press the [MENU] button on the control panel to use templates and check the print counter.

When the user management function is enabled, log in and press the [MENU] button on the control panel. The menu screen for a logged in user is displayed.

You can register frequently used templates, a group of templates or the shortcut of the External Interface Enabler (GS-1020, optional). Registration or deletion of the shortcut can also be enabled in the TopAccess mode. For details, refer to the following guide:

TopAccess Guide (PDF): "Chapter 9: [My Account] Tab Page"



- 1. User name display area**
The name of the user logging in is displayed.
- 2. [EXTENSION] button**
This is enabled when the External Interface Enabler (GS-1020, optional) is installed. Contact your service technician or representative for details.
- 3. Role Information Displayed Area**
Available role information for a user who has logged in is displayed.
- 4. Total print counter**
The total print counter of the user logging in is displayed. Available printing numbers are displayed depending on the settings of the equipment.
- 5. [USER] button**
The shortcut which a user logging in can employ is displayed.
- 6. [PUBLIC] button**
The shortcut which all users can employ is displayed.
- 7. Shortcut display area**
The shortcut registered in the menu screen is displayed.

Note

According to the authority for each user, the mark or appears on the icons in the role information displayed area. The functions with the mark cannot be used. Some of the functions with the mark cannot be used.

Tips

- You can create a template with several functions that are frequently used so that they can be employed whenever you want, thus eliminating the need to perform complicated settings every time. Templates can be used in copying, scanning and sending a fax. For details, refer to the following guides:
 - Copying Guide** (PDF): "Chapter 6: TEMPLATES"
 - TopAccess Guide** (PDF): "Chapter 5: [Registration] Tab Page" - "[Registration] Tab Page Overview"
- When the user management functions is not used, the public template group and the total print counter are displayed.
- [USER] and [PUBLIC] are displayed when the user management function is enabled.

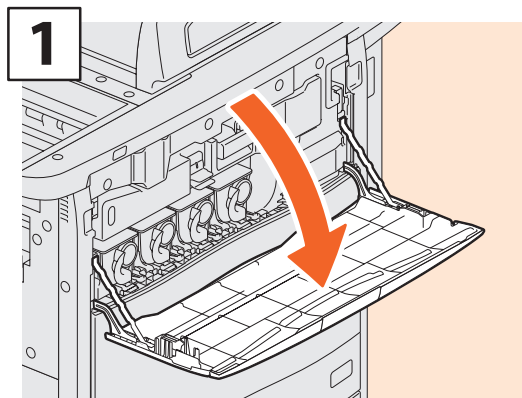
Chapter 3

MAINTENANCE / TROUBLESHOOTING

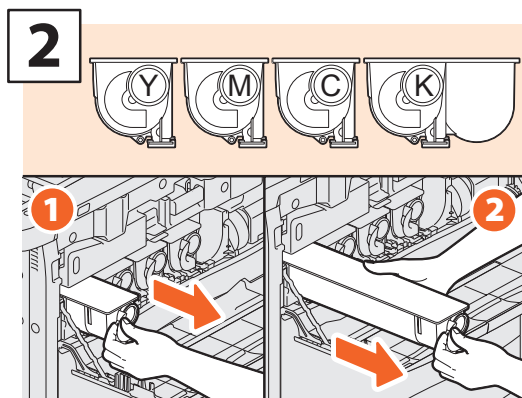
Replacing Toner Cartridge.....	36
Replacing Waste Toner Box.....	37
Replacing Staple Cartridge.....	38
Regular Cleaning.....	40
Troubleshooting.....	41

Replacing Toner Cartridge

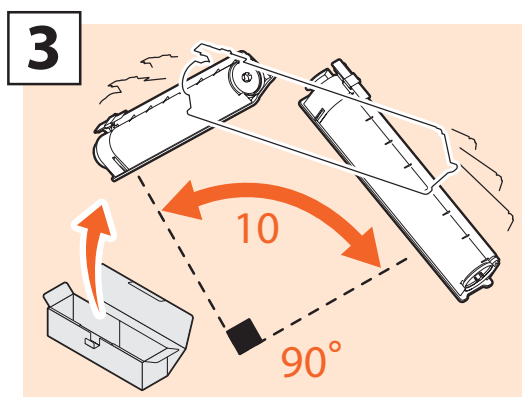
When "Install new *** toner cartridge" appears on the touch panel, replace the toner cartridge according to the following procedures.



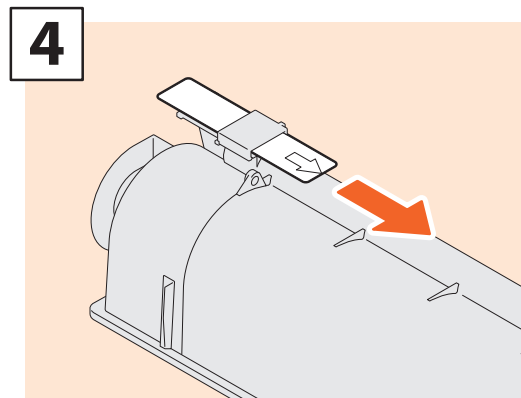
Open the front cover.



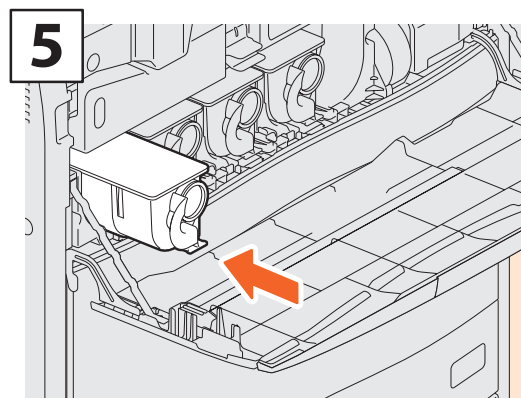
Remove the color toner cartridge you want to replace.



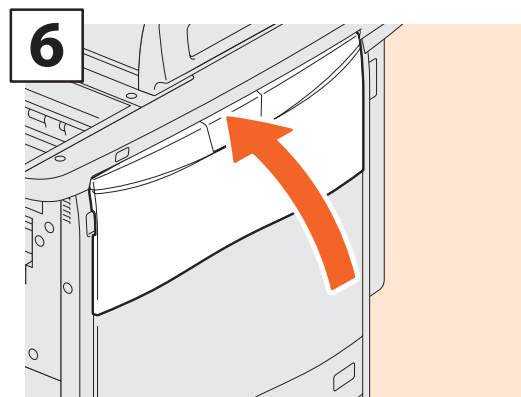
Shake the new toner cartridge strongly with the label surface down to loosen the toner inside.



Pull out the seal.



Install the new toner cartridge.



Close the front cover.



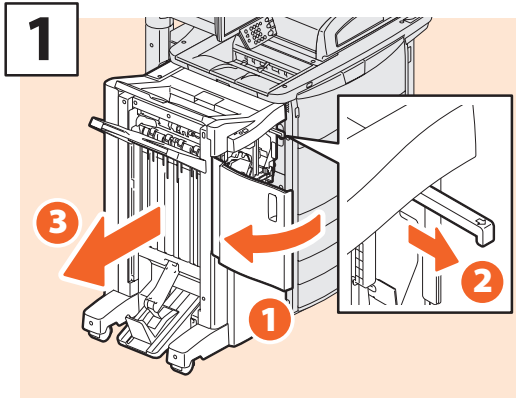
WARNING

Never attempt to incinerate toner cartridges.

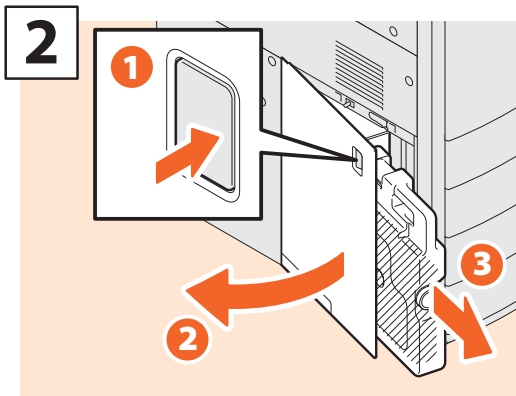
Dispose of used toner cartridges and waste toner boxes in accordance with local regulations.

Replacing Waste Toner Box

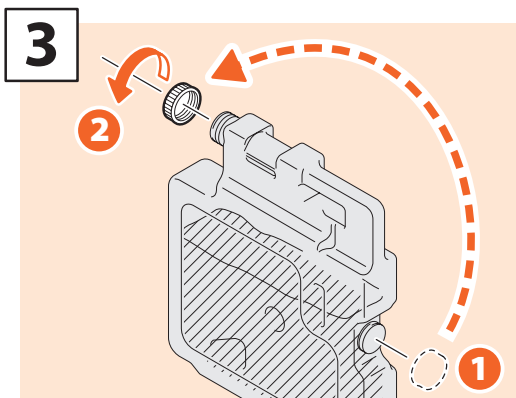
When "Dispose of used toner" appears on the touch panel, replace the waste toner box according to the following procedures.



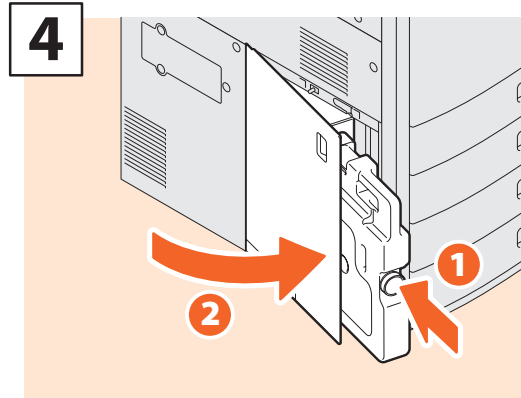
Open the front cover of the Finisher, pull the knob to unlock the Finisher, and then separate the Finisher.



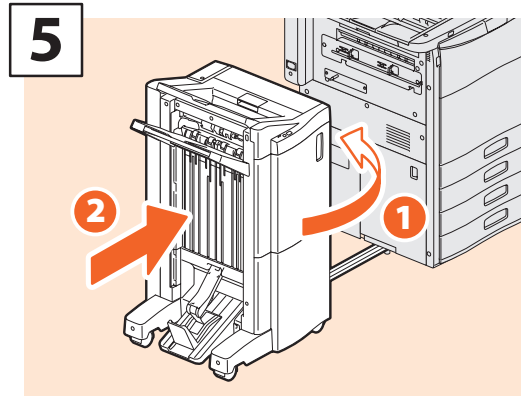
Open the waste toner box cover and remove the waste toner box.



Screw the lid on the opening of the waste toner box.



Set a new waste toner box and close its cover.



Close the front cover of the Finisher and connect the Finisher to the equipment.

Note

The knob of step 1 is inside the cover of the Hole Punch Unit when it is installed.

CAUTION

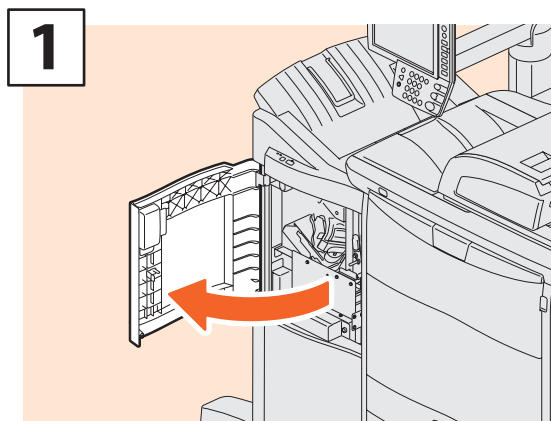
Never attempt to incinerate waste toner boxes.

Dispose of used toner cartridges and waste toner boxes in accordance with local regulations.

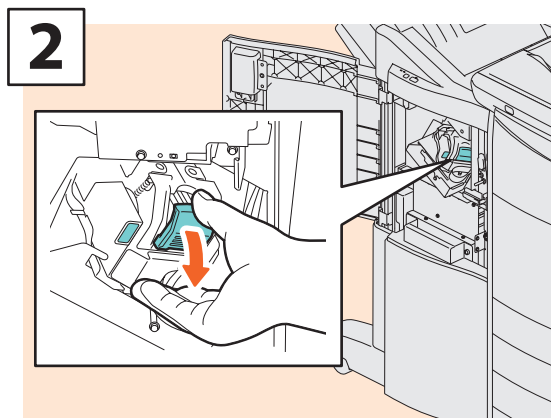
Replacing Staple Cartridge

When "Check staple cartridge" appears on the touch panel, replace the staple cartridge according to the following procedures.

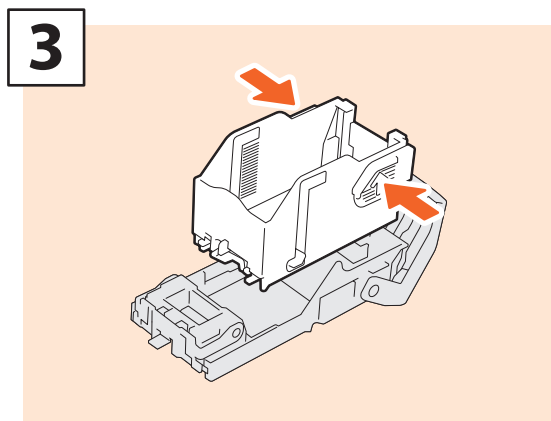
Stapler Unit of Finisher (MJ-1103/MJ-1104)



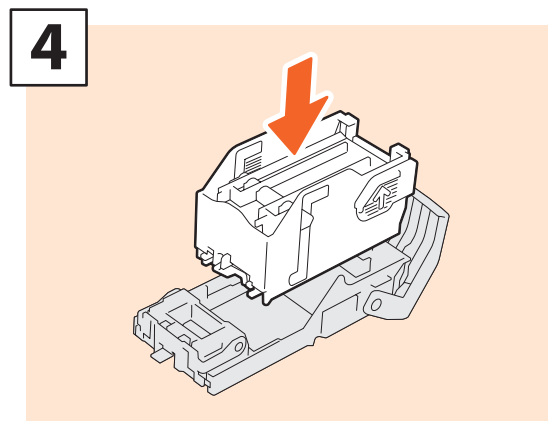
Open the front cover of the Finisher.



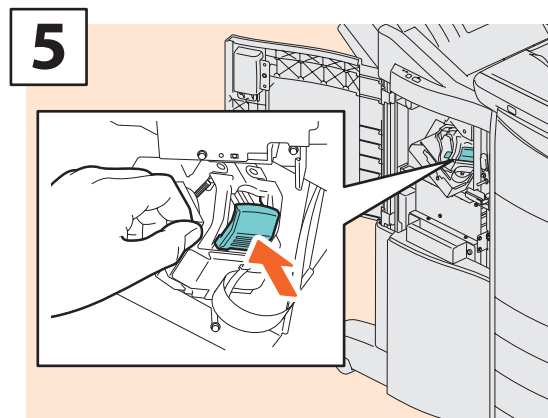
Take off the staple cartridge.



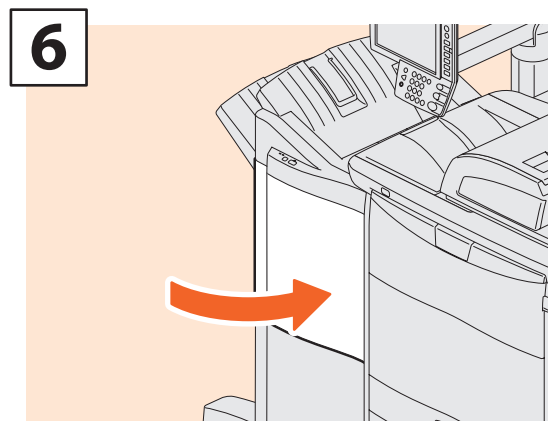
Take the empty staple case out of the staple cartridge.



Install a new staple case into the staple cartridge.

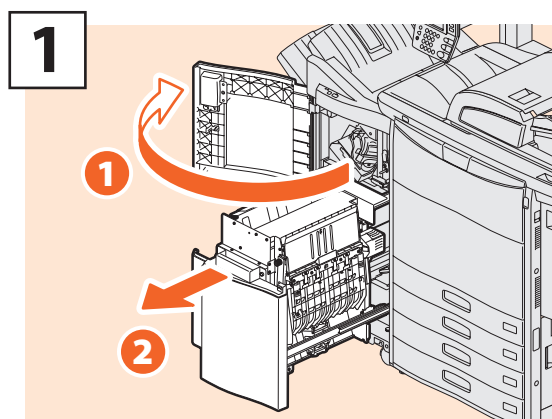


Install the staple cartridge.

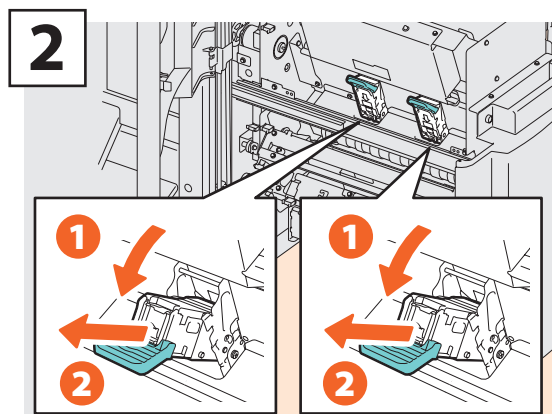


Close the front cover of the Finisher.

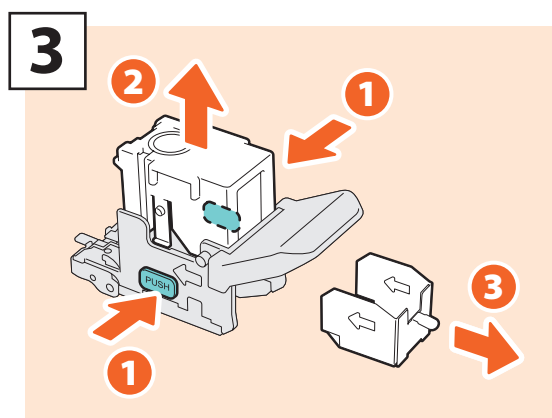
Saddle Stitch Unit of Saddle Stitch Finisher (MJ-1104)



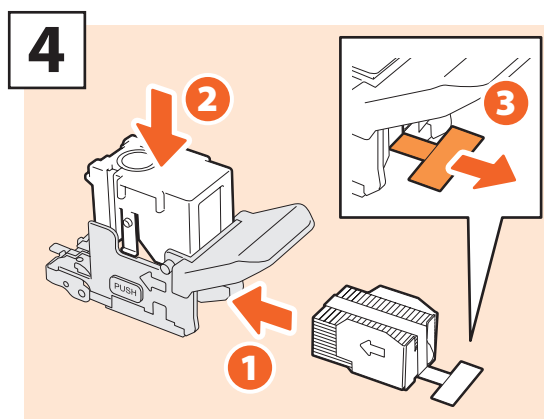
Open the front cover of the Finisher, and then pull out the saddle stitch unit.



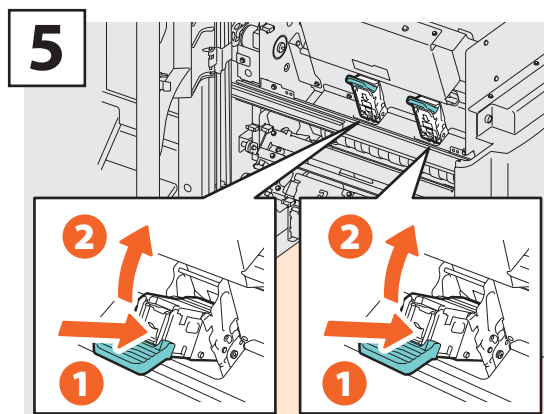
Take out two empty staple cartridges.



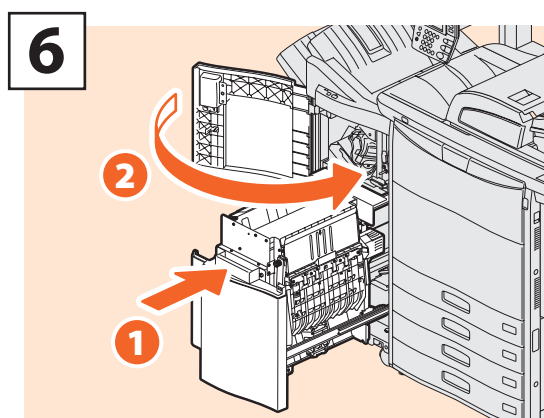
Take the empty staple case out of the staple cartridge.



Install a new staple case into the staple cartridge and remove the seal bundling the staples.



Install two new staple cartridges.



Insert the saddle stitch unit into the Finisher, and then close the front cover of the Finisher.

Regular Cleaning

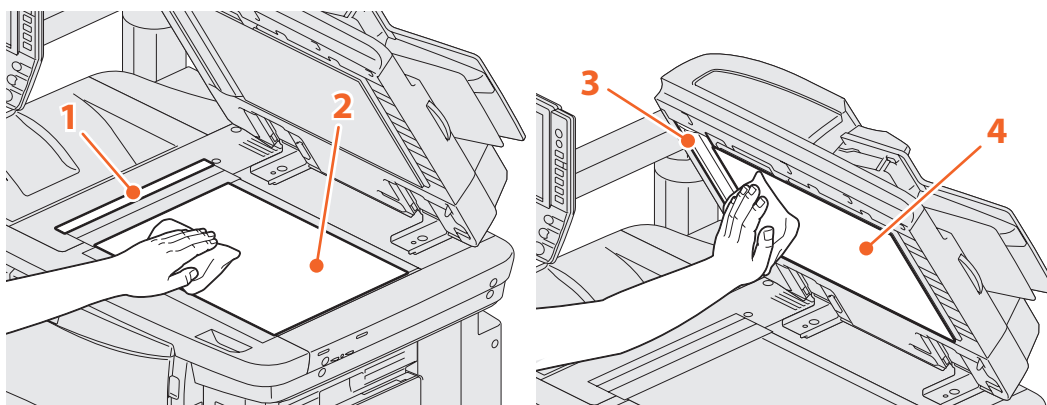
Poor quality printing such as uneven and soiled images can be improved by simple cleaning. This section describes the cleaning methods for the equipment.

Cleaning for the scanning area, original glass, guide and platen sheet

We recommend you to clean the following items weekly, so that the originals can be scanned in unsoiled conditions. Be careful not to scratch the parts that you are cleaning.

Notes

- Be careful not to scratch the portions in cleaning.
- When cleaning the surface of the equipment, do not use such organic solvents as thinner or benzene.
 - This could warp the shape of the surface or leave it discolored.
- When using a chemical cleaning pad to clean it, follow the instruction.



1. Scanning area (surface of the long rectangular glass) / 2. Original glass

Wipe it with the accessory cloth or a soft dry cloth. If there are still stains remaining, wipe clean with a piece of soft cloth which has been moistened with water and then squeezed well.


Do not use liquids other than water (such as alcohol, organic solvents or neutral detergent).

3. Guide / 4. Platen sheet

Clean the surface as follows depending on the staining.

- Clean it with a soft cloth.
- Clean it with a soft cloth lightly moistened with water.
- Clean it with a soft cloth lightly moistened with alcohol, and then wipe it with a dry cloth.
- Clean it with a soft cloth lightly moistened with watered-down neutral detergent, and then wipe it with a dry cloth.

Troubleshooting

When problems such as paper jams occur, see the following explanation or refer to the **Troubleshooting Guide** (PDF) according to  P.41 "References to the Troubleshooting Guide" in this manual.

About Troubleshooting Guide

The **Troubleshooting Guide** (PDF) describes the causes and the troubleshooting of problems when you use the equipment.


References to the Troubleshooting Guide

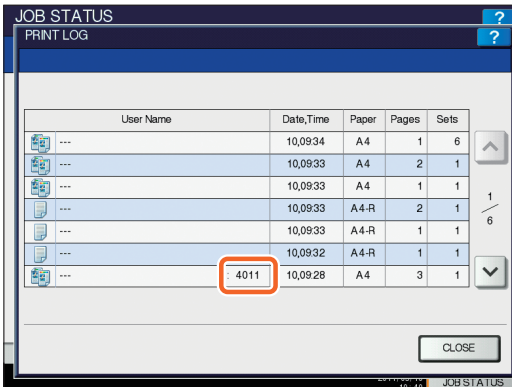
Chapter	Title	Section
Chapter 1	TROUBLESHOOTING FOR THE HARDWARE	When This Screen Is Displayed
		Messages Displayed on the Touch Panel
		Clearing a Paper Jam
		Clearing a Staple Jam
		Replacing a Toner Cartridge
		Replacing the Waste Toner Box
		Refilling With Staples
		Cleaning the Hole Punch Dust Bin
Chapter 2	TROUBLESHOOTING FOR COPYING	Copying Problems
Chapter 3	TROUBLESHOOTING FOR PRINTING	Print Job Problems
		Printer Driver Problems
		Network Connection Problems
		Client Problems
		Hardware Problems
Chapter 4	TROUBLESHOOTING FOR SCANNING	Scanning Problems
Chapter 5	TROUBLESHOOTING FOR e-Filing	e-Filing Web Utility Problems
Chapter 6	TROUBLESHOOTING FOR NETWORK CONNECTIONS	Locating the Equipment in the Network
		LDAP Search and Authentication Problems
		Printing Problems (Network Related)
		Network Fax (N/W-Fax) Driver Problems
		Client Software Authentication Problems
Chapter 7	CHECKING THE EQUIPMENT STATUS WITH TopAccess	Hardware Status Icons on TopAccess [Device] Tab
		Error Messages
		Error Codes
Chapter 8	WHEN SOMETHING IS WRONG WITH THE EQUIPMENT	When You Think Something Is Wrong With the Equipment
		Regular Maintenance

Error codes

Press [JOB STATUS] and then the [LOG] tab on the touch panel; the LOG menu is displayed. The job history and error codes are displayed in the LOG menu.

For details of the error codes, refer to the following guide:

 **Troubleshooting Guide** (PDF): "Chapter 7: CHECKING THE EQUIPMENT STATUS WITH TopAccess" - "Error Codes"




User Name	Date, Time	Paper	Pages	Sets
...	10,0934	A4	1	6
...	10,0933	A4	2	1
...	10,0933	A4	1	1
...	10,0933	A4-R	2	1
...	10,0933	A4-R	1	1
...	10,0932	A4-R	1	1
...	4011 10,0928	A4	3	1


Symbols and messages appear on the touch panel

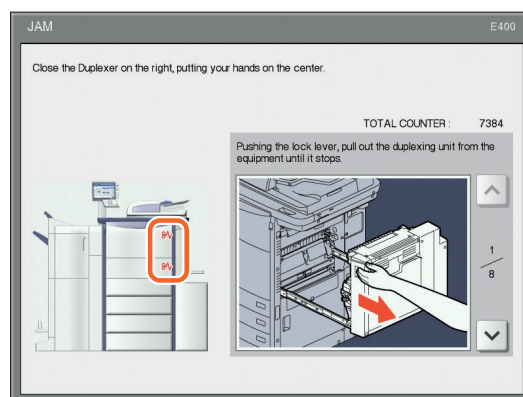
Symbols or messages of such as for paper jams occasionally appear on the touch panel.

For details of the paper jam symbols, refer to the following guide:

 **Troubleshooting Guide** (PDF): “Chapter 1: TROUBLESHOOTING FOR THE HARDWARE” - “Clearing a Paper Jam”

For details of the messages on the touch panel, refer to the following guide:

 **Troubleshooting Guide** (PDF): “Chapter 1: TROUBLESHOOTING FOR THE HARDWARE” - “Messages Displayed on the Touch Panel”



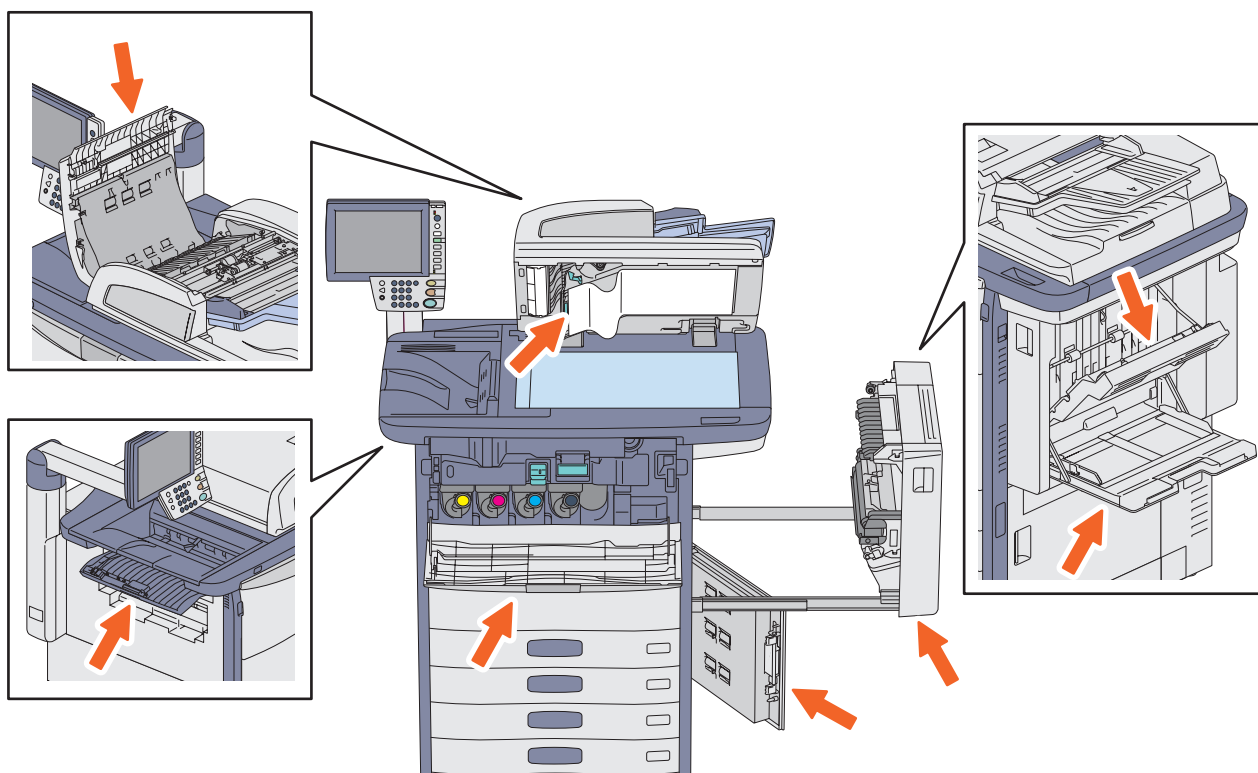
When paper jams occur

When paper jams occur, refer to the guidance displayed on the touch panel of the equipment or refer to the following guide:

 **Troubleshooting Guide** (PDF): “Chapter 1: TROUBLESHOOTING FOR THE HARDWARE” - “Clearing a Paper Jam”

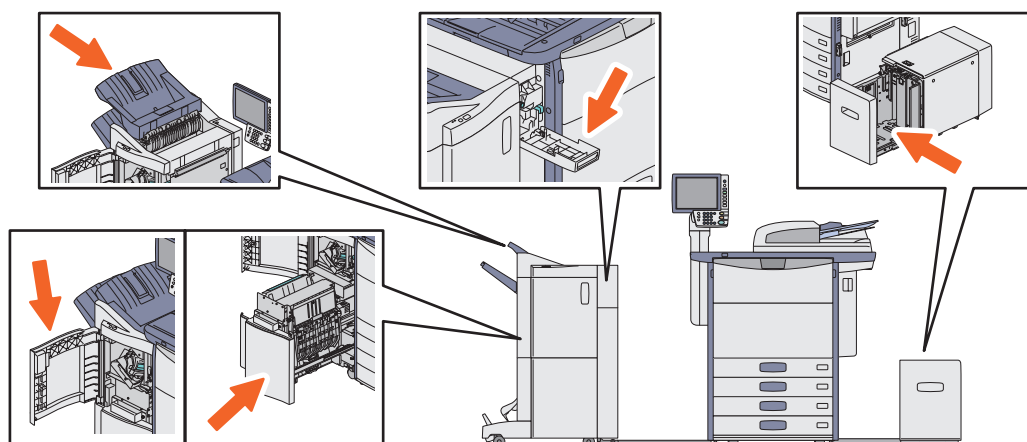
Covers of the equipment

The covers of the equipment to be opened when paper jams occur are as indicated by the arrows in the following illustrations.



Covers of the options

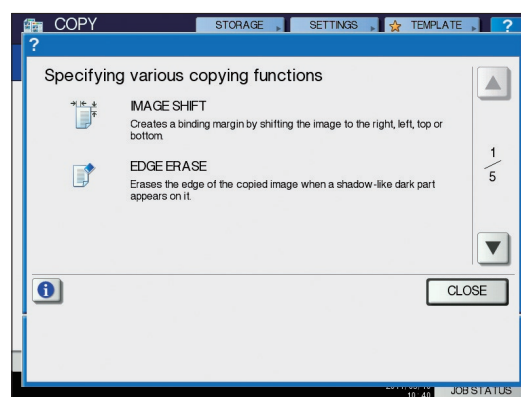
The covers of the options to be opened when paper jams occur are as indicated by the arrows in the following illustrations.



Using the Help functions

If you press **?** on the upper right of the touch panel, explanations of the functions and buttons on the screen are displayed.

If you press **i** on the lower left of the Help menu, supplementary information about the functions appears.



Chapter 4

ADVANCED FUNCTIONS

Advanced Functions	46
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Advanced Functions

In Chapter 2 in this manual, the basic functions are described. This section describes the advanced functions to help you get the best out of your equipment.

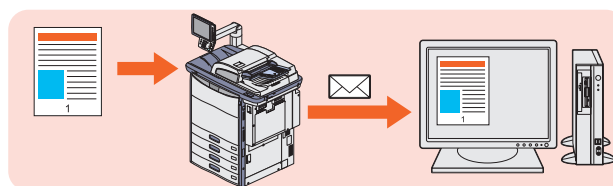
Examples of the advanced functions describing in this section

Copying different-sized originals and stapling copies



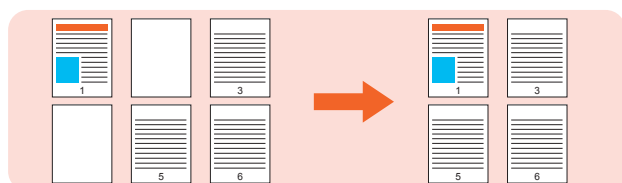
P.47 in this manual

Attaching the scanned data to an E-mail



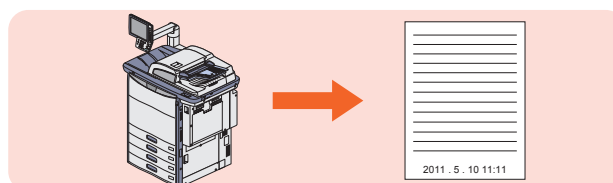
P.51 in this manual

Copying or scanning originals without blank sheets



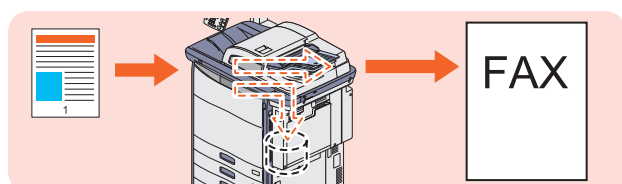
P.48 in this manual

Adding date and time to document files



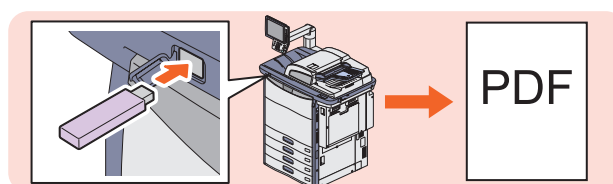
P.52 in this manual

Storing data in a shared folder as well as sending a fax



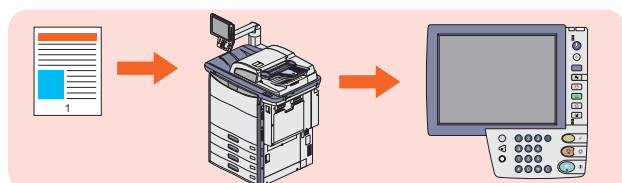
P.49 in this manual

Printing a PDF file stored in the USB device



P.53 in this manual

Registering frequently used scan settings in templates



P.50 in this manual

Printing only allowed data set on the control panel



P.54 in this manual

COPY

FAX

SCAN

e-FILING

PRINT

Copying different-sized originals and stapling copies



The procedure of how to copy 5 sets of different-sized originals (A4 or LT: 1 sheet, A3 or LD: 4 sheets) and staple the copies is as follows. The Finisher (optional) is required.

- 1 Place the originals on the Reversing Automatic Document Feeder.

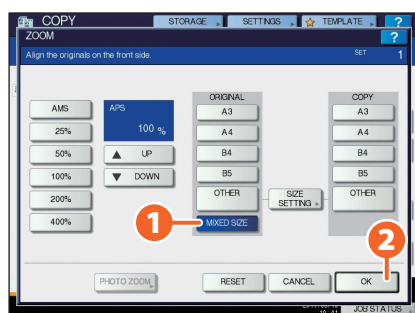
P.16 "Placing originals" in this manual

Note

If you want to copy different-sized originals and staple the copies, select only those having the same width.

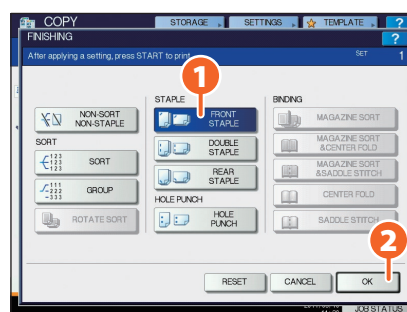
- 2 Press [ZOOM] on the touch panel.

- 3
 - 1 Press [MIXED SIZE] and then
 - 2 [OK] on the touch panel.



- 4 Press [FINISHING] on the touch panel.

- 5
 - 1 Press [FRONT STAPLE] and then
 - 2 [OK] on the touch panel.



- 6 Key in 5 for the number of copy sets, and then press the [START] button on the control panel. Copying starts.

COPY

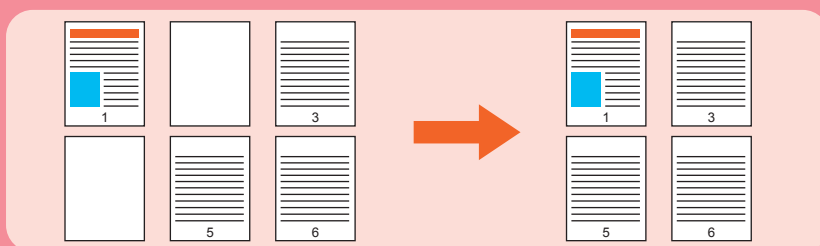
FAX

SCAN

e-FILING

PRINT

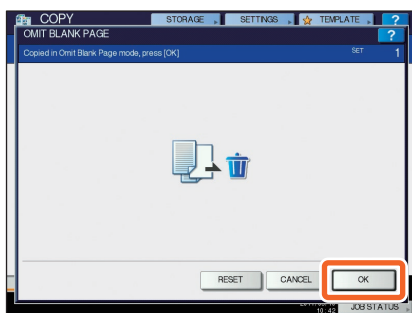
Copying or scanning originals without blank sheets



You can copy or scan originals omitting blank sheets while maintaining the original page sequence.

When copying

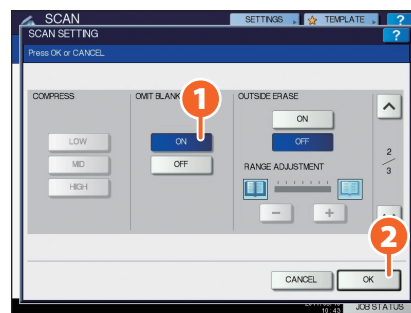
- 1** Place the originals.
 P.16 "Placing originals" in this manual
- 2** Press the [EDIT] tab, and then in the basic menu for the copying functions.
- 3** Press [OMIT BLANK PAGE] and then [OK].



- 4** Press the [START] button on the control panel. Copying starts.

When scanning

- 1** Place the originals.
 P.16 "Placing originals" in this manual
- 2** Press [SCAN SETTING], and then in the basic menu for the scanning functions.
- 3** Press **1** [ON] in the "OMIT BLANK PAGE" setting and then **2** [OK].



- 4** In the basic menu for the scanning functions, specify details such as the destination for saving the data.
- 5** Press [SCAN] on the touch panel. Scanning starts.

COPY

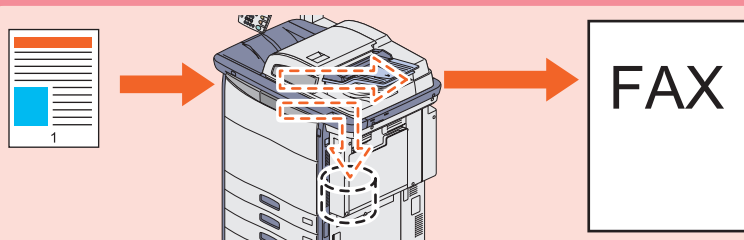
FAX

SCAN


e-FILING

PRINT

Storing data in a shared folder as well as sending a fax

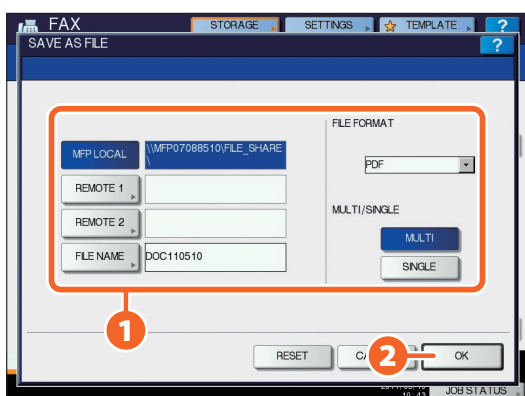


You can store documents in a shared folder in the equipment or in a computer connected to the network as well as sending a fax.

- 1** Place the original(s).
 P.16 "Placing originals" in this manual
- 2** Press [STORAGE] on the touch panel.



- 3** **1** Specify details such as the file name, shared folder and file format and then **2** press [OK].



- 4** Specify the recipient and press [SEND]. Sending a fax starts.

COPY

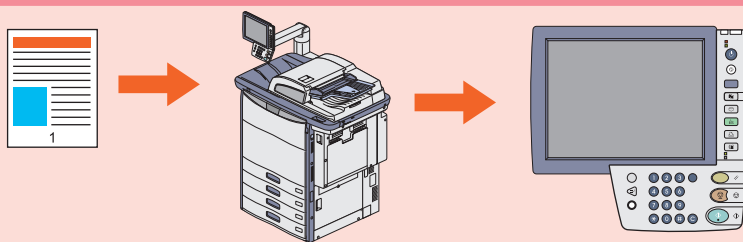
FAX

SCAN

e-FILING

PRINT

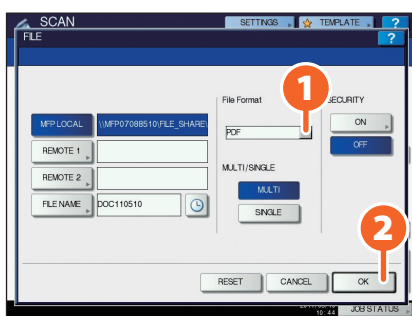
Registering frequently used scan settings in templates



If you register frequently used scan settings in templates, you can easily perform scan operations only by recalling the templates. How to register scan settings (scan data are stored in PDF format in a shared folder) in templates (PUBLIC TEMPLATE GROUP) is described here.

1 Press [FILE] on the touch panel.

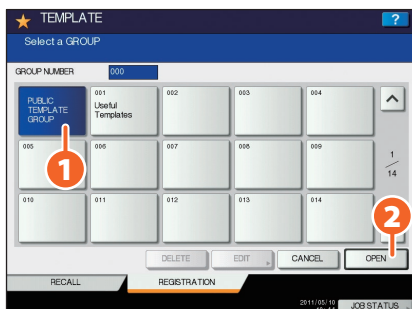
2 **1** Select "PDF" in the file format, and then **2** press [OK].



3 Change the scan setting as required.

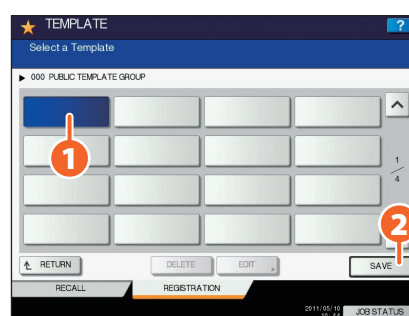
4 Press [TEMPLATE] on the touch panel, and then [REGISTRATION] tab.

5 **1** Press [PUBLIC TEMPLATE GROUP] on the touch panel, and then **2** [OPEN].

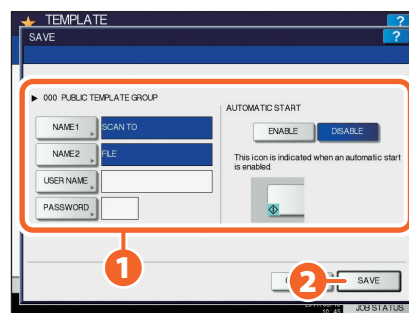


6 Press [PASSWORD], enter the administrator password and press [OK].

7 **1** Select an empty template button, and then **2** press [SAVE].



8 **1** Make the settings such as the template name, and then **2** press [SAVE] to complete the registration.



COPY

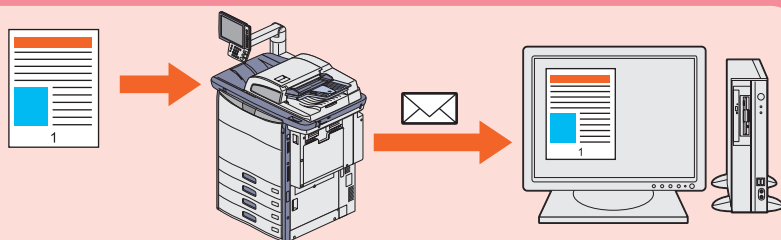
FAX

SCAN

e-FILING

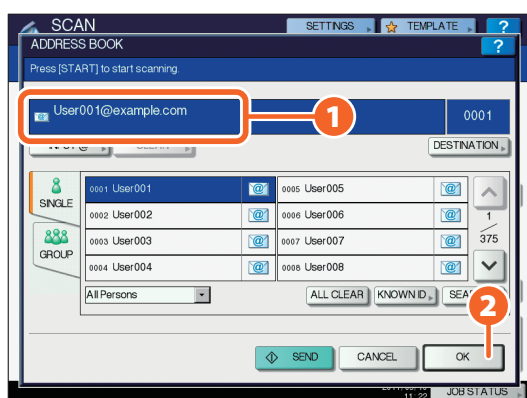
PRINT

Attaching the scanned data to an E-mail

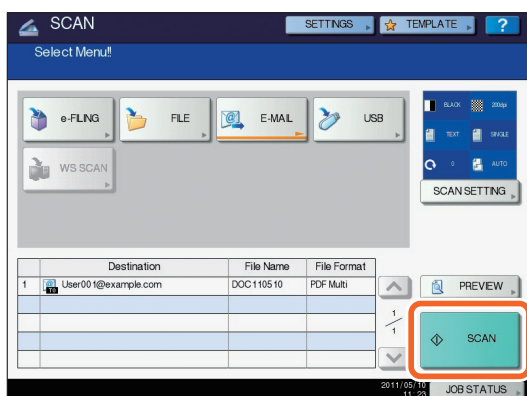


The procedure for attaching the scanned data to an E-mail and sending it to the specified E-mail address is as follows.

- 1** Place the original(s).
 P.16 "Placing originals" in this manual
- 2** Press [E-MAIL] and then [TO] on the touch panel.
- 3** **1** Specify the E-mail address and then **2** press [OK].



- 4** Define the settings for the file as required and then press [OK].
- 5** Press [SCAN] on the touch panel. Scanning starts.



COPY

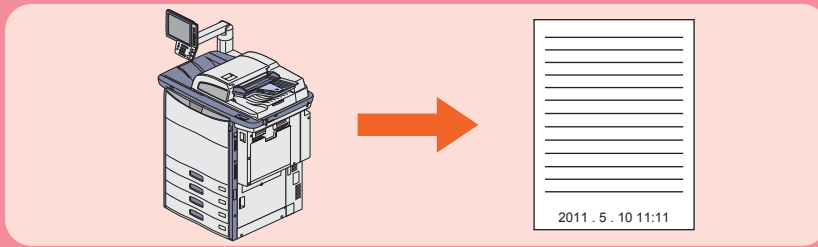
FAX

SCAN

e-FILING

PRINT

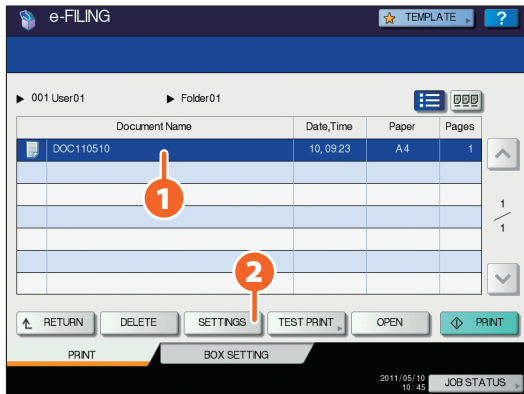
Adding date and time to document files



The procedure for printing a document file stored in e-Filing with the date and time added at its bottom is as follows.

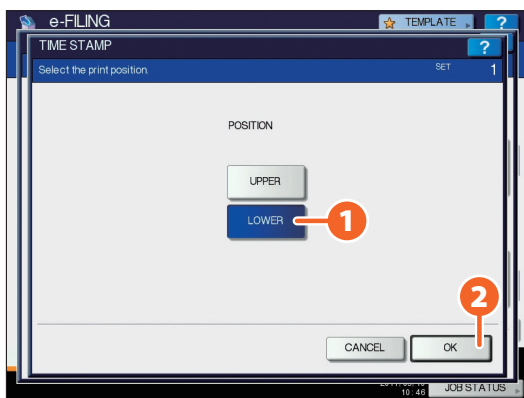
1 Select the box in which the desired document is stored.

2 **1** Select the document and then **2** press [SETTINGS].



3 Press [TIME STAMP].

4 **1** Press [LOWER] and then **2** [OK].



5 Press [PRINT] on the touch panel. Printing starts.

COPY

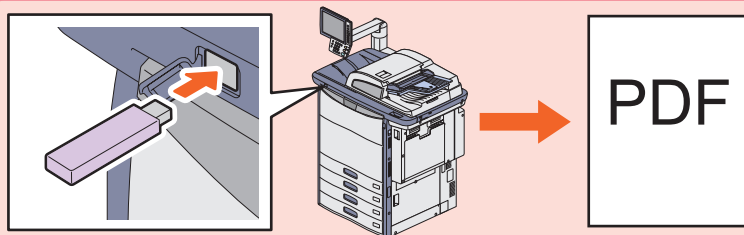
FAX

SCAN

e-FILING

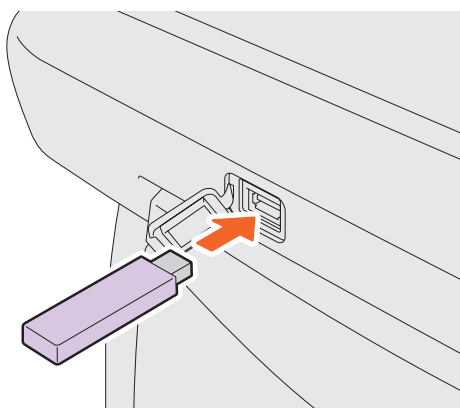
PRINT

Printing a PDF file stored in the USB device



The procedure for printing 1 set of a PDF file stored in the USB device is as follows.

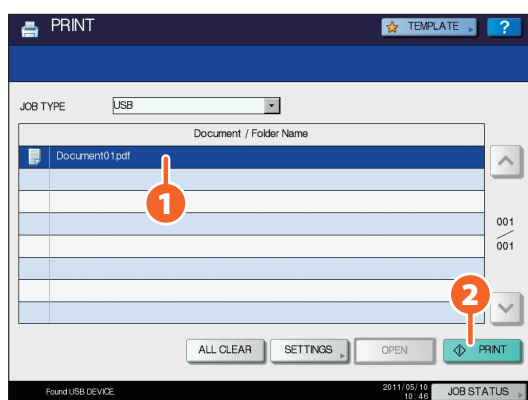
- 1** Connect the USB device to the USB port.



- 2** Press the [PRINT] button on the control panel.

- 3** Click the pull-down menu, and then select [USB].

- 4** **1** Select a PDF file to be printed and **2** press [PRINT]. Printing starts.



Tips

- Press [SETTINGS], then you can set such as duplex printing and stapling.
- The following types of files are also available for printing:
 - JPEG file
 - PRN file
 - PS file
 - XPS file

COPY

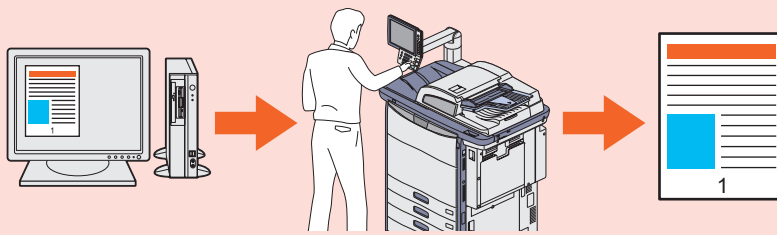
FAX

SCAN

e-FILING

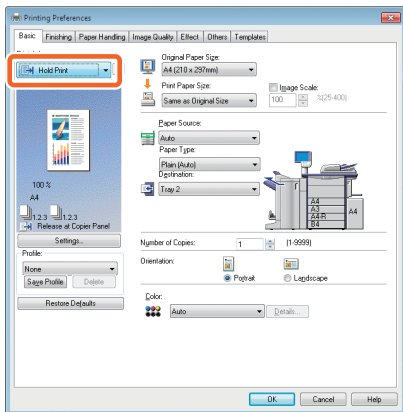
PRINT

Printing only allowed data set on the control panel



The procedure for printing only allowed data set on the control panel is as follows. This will stop you from forgetting to remove printed sheets.

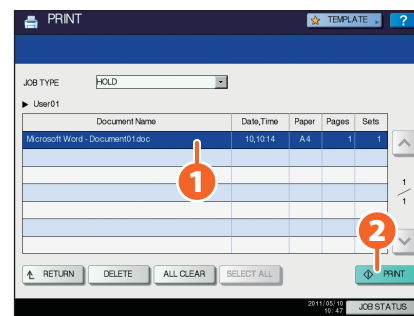
- 1** Open a file to be printed on a Windows computer, and then select [Print] from the file menu of the application.
- 2** Select the printer driver of the equipment, and then click [Preferences] ([Properties]).
- 3** Select "Hold Print" for the job type in the [Basic] tab menu.



- 4** Click [OK] to return to the print dialog box and click [Print] ([OK]).
- 5** Press the [PRINT] button on the control panel of the equipment.
- 6** Click the pull-down menu, and then select [HOLD].

- 7** Select the user name, and then press [OK].

- 8** **1** Select the file to be printed and **2** press [PRINT]. Printing starts.



Chapter 5




INFORMATION ABOUT EQUIPMENT

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Items Included in This Product

The following items are co-packed with the equipment. Check that you have them all. Contact your service technician or representative if any are missing or damaged.

Items included in this product

Safety Information	The Safety Information describes the necessary precautions for use. For your added security, be sure to read this booklet first.
Quick Start Guide (This manual)	The Quick Start Guide describes the preparations, basic and advanced usage, maintenance and regular cleaning of the equipment.
Client Utilities CD-ROM	The Client Utilities CD-ROM contains the client software such as the printer drivers and the utility software. For details, see the following page:  P.57 "Client Utilities CD-ROM" in this manual
User Documentation CD-ROM	The User Documentation CD-ROM contains pdf files of the Operator's Manuals such as the Copying Guide and the Troubleshooting Guide.
Operator's Manual pocket	The Operator's Manual Pocket is for keeping the Safety Information and the Quick Start Guide (this manual), and is located on the back side of the equipment. For details, see the following page:  P.6 "Description of Each Component" in this manual
Cleaning cloth	Use this cloth to clean the scanning section and the original glass. For details, see the following page:  P. 40 "Regular cleaning" in this manual


Client Utilities CD-ROM

The Client Utilities CD-ROM contains the following client software such as the printer drivers and the utility software.


Client software	
For Windows	Client Software Installer
	Universal Printer Driver
	PS3 printer driver
	XPS printer driver
	TWAIN driver
	File downloader
	N/W-Fax driver
	AddressBook Viewer
	Remote Scan driver
	WIA driver
	e-Filing Backup/Restore Utility
For Macintosh	PPD file for Mac OS X 10.2.4 to Mac OS X 10.3.x
	PPD file for Mac OS X 10.4 to Mac OS X 10.6.x
	Plug-in for Mac OS X 10.4 to Mac OS X 10.6.x
For UNIX/Linux	UNIX/Linux filter (Solaris, HP-U, AIX, Linux, SCO)
	CUPS

Tips

For installing the client software, refer to the following guide:

 **Software Installation Guide** (PDF): "Chapter 1: OVERVIEW"













For details of the client software, see the following page:

 P.58 "Client Software" in this manual




Client Software

This section describes the outlines of the client software of the equipment. It is necessary to install software except e-Filing Web utility and TopAccess in the computer before it is used.





Client software for the printing functions

Universal Printer Driver	This Universal Printer Driver is installed with the Recommended Installation. This driver is generally used. For details, refer to the following guides:  Software Installation Guide (PDF): "Chapter 2: RECOMMENDED INSTALLATION" or "Chapter 3: INSTALLING PRINTER DRIVERS FOR WINDOWS"  P32 "Basic Printing Operation" in this manual  Printing Guide (PDF): "Chapter 2: PRINTING FROM WINDOWS"
PS3 printer driver	This driver enables you to print documents in the high quality mode with applications such as Adobe Systems Incorporated. For details, refer to the following guides:  Software Installation Guide (PDF): "Chapter 2: RECOMMENDED INSTALLATION" or "Chapter 3: INSTALLING PRINTER DRIVERS FOR WINDOWS"  Printing Guide (PDF): "Chapter 2: PRINTING FROM WINDOWS"
XPS printer driver	This printer driver enables you to print documents from the WPF applications created for Windows Vista or Windows 7. For details, refer to the following guides:  Software Installation Guide (PDF): "Chapter 2: RECOMMENDED INSTALLATION" or "Chapter 3: INSTALLING PRINTER DRIVERS FOR WINDOWS"  Printing Guide (PDF): "Chapter 2: PRINTING FROM WINDOWS"
PPD file for Macintosh	This printer driver enables you to print documents from Macintosh computers (Mac OS X 10.2.4 to Mac OS X 10.6.x). For details, refer to the following guides:  Software Installation Guide (PDF): "Chapter 4: INSTALLING PRINTER DRIVERS FOR MACINTOSH"  Printing Guide (PDF): "Chapter 3: PRINTING FROM MACINTOSH"
UNIX/Linux filter	UNIX/Linux filter enables you to print documents from the UNIX/Linux workstation. For details, refer to the following guides:  Software Installation Guide (PDF): "Chapter 5: INSTALLING PRINTER DRIVERS FOR UNIX/Linux"  Printing Guide (PDF): "Chapter 4: PRINTING FROM UNIX/Linux"
CUPS	CUPS file enables you to set up the CUPS print system from UNIX/Linux workstation. For details, refer to the following guide:  Software Installation Guide (PDF): "Chapter 5: INSTALLING PRINTER DRIVERS FOR UNIX/Linux"


Client software for the scanning functions

Remote Scan driver	This driver enables you to scan documents remotely and obtain scanned data as an image in the applications supporting TWAIN on Windows computers. For details, refer to the following guide:  Software Installation Guide (PDF): "Chapter 2: RECOMMENDED INSTALLATION" or "Chapter 6: INSTALLING SCAN DRIVER AND UTILITIES"
WIA driver	This driver enables you to scan documents remotely and obtain scanned data as an image in the applications supporting WIA (Windows Imaging Acquisition) on Windows computers. For details, refer to the following guides:  Software Installation Guide (PDF): "Chapter 2: RECOMMENDED INSTALLATION" or "Chapter 6: INSTALLING SCAN DRIVER AND UTILITIES"  Scanning Guide (PDF): "Chapter 5: OTHER SCANNING METHODS"




Client software for the e-Filing functions

TWAIN driver	This driver enables you to obtain documents stored in e-Filing as an image in application supporting TWAIN on Windows computers. For details, refer to the following guide:  Software Installation Guide (PDF): “Chapter 2: RECOMMENDED INSTALLATION” or “Chapter 6: INSTALLING SCAN DRIVER AND UTILITIES”
File downloader	File downloader enables you to obtain documents stored in e-Filing as an image in your Windows computer. For details, refer to the following guide:  Software Installation Guide (PDF): “Chapter 2: RECOMMENDED INSTALLATION” or “Chapter 6: INSTALLING SCAN DRIVER AND UTILITIES”
e-Filing Web utility	This utility enables you to operate or make settings for e-Filing using a browser on your computer. Since this utility has been already installed to the equipment, enter the IP address of the equipment into a browser and turn on the power. For details, refer to the following guide:  e-Filing Guide (PDF): “Chapter 3: OVERVIEW ON e-FILING WEB UTILITY”
e-Filing Backup/Restore Utility	This utility enables you to back up and restore the data stored in e-Filing. For details, refer to the following guide:  Software Installation Guide (PDF): “Chapter 8: INSTALLING e-FILING BACKUP/RESTORE UTILITIES”

Client software for the network management functions

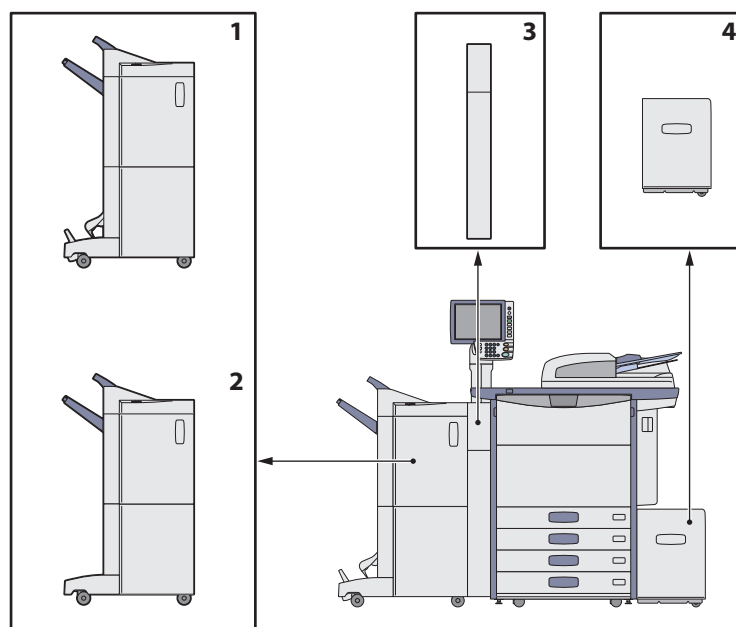
TopAccess	TopAccess enables you to view the device information, display logs, create templates and an address book, and manage the equipment using a browser. Since TopAccess has been already installed to the equipment, enter the IP address of the equipment into a browser and turn on the power. For details, refer to the following guide:  TopAccess Guide (PDF): “Chapter 1: OVERVIEW”
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Client software for the network fax functions

N/W-Fax driver	This driver enables you to send faxes or Internet faxes from your computer. For details, refer to the following guides:  Software Installation Guide (PDF): “Chapter 2: RECOMMENDED INSTALLATION” or “Chapter 7: INSTALLING NETWORK FAX UTILITIES”  Network Fax Guide (PDF): “Chapter 1: OVERVIEW”
AddressBook Viewer	This viewer enables you to manage the address book (such as fax numbers and E-mail addresses) and upload the address book from your computer to the equipment. For details, refer to the following guide:  Software Installation Guide (PDF): “Chapter 2: RECOMMENDED INSTALLATION” or “Chapter 7: INSTALLING NETWORK FAX UTILITIES”

Options

The following options are sold separately, and upgrade the performance of the equipment if installed. For details, contact your service technician or representative.



1. Saddle Stitch Finisher (MJ-1104)

This Finisher enables saddle stitching, in addition to sort/group finishing and stapling. The Hole Punch Unit (optional, MJ-6102) can be installed in this Finisher.

2. Finisher (MJ-1103)

This Finisher enables sort/group finishing and stapling. The Hole Punch Unit (optional, MJ-6102) can be installed in this Finisher.

3. Hole Punch Unit (MJ-6102)

This unit enables you to punch holes on printed sheets.

4. External Large Capacity Feeder (MP-2501)

This feeder enables you to feed up to 2500 sheets (80 g/m² or 20 lb. Bond) of A4 or LT paper.

Other options available are as follows. Contact your service technician or representative for details.

FAX Unit (GD-1270)

This is a unit for using the equipment as a Fax machine.
Installed inside of the equipment.

2nd Line for FAX Unit (GD-1260)

This unit enables you to add a line to the Fax, making a 2nd line available.

- Installed inside of the equipment.
- The FAX Unit (optional, GD-1270) is required.

Wireless LAN Module (GN-1060)

This module enables the equipment to be used in a wireless LAN environment.

- Installed inside of the equipment.
- The Antenna (optional, GN-3010) is required.
- The equipment cannot be connected to the wireless and wired LAN at the same time.

Bluetooth Module (GN-2010)

This module enables you to perform Bluetooth printing.

- Installed inside of the equipment.
- The Antenna (optional, GN-3010) is required.

Antenna (GN-3010)

This is used when the Wireless LAN Module or Bluetooth Module is installed.

e-BRIDGE ID Gate (KP-2004, KP-2005)

You can log in and use the equipment simply by holding the IC card over the e-BRIDGE ID Gate.

- Installed on the right-hand side of the equipment.

Data Overwrite Enabler (GP-1070)

This is an enabler to erase the data stored temporarily when copying, printing, scanning, Fax, Internet Fax or network Fax is performed. It overwrites temporarily stored data with random data.

IPsec Enabler (GP-1080)

This enables the IPsec function in this equipment.

Meta Scan Enabler (GS-1010)

This enables the Meta Scan function in this equipment.

External Interface Enabler (GS-1020)

This enables the EWB function in this equipment.

Finisher Guide Rail (KN-1103)

This unit is used when the equipment is installed on soft surface flooring. This allows you to separate/install an optional finisher from/to the equipment easily.

Side Receiving Tray (KA-6550-ET)

Printed paper exits on this tray.

- Installed on the left side of the equipment.

Logging in

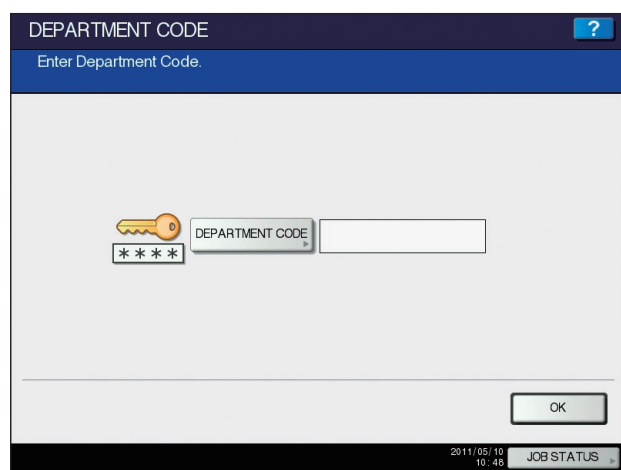
When the equipment is controlled under department or user management, copying and other functions can be performed if you log in according to the following procedure.

Department management

You can restrict users or manage copy volumes made by an individual group or department in your company using the department codes. When the equipment is controlled under the department code, turn the power on and enter the code.

When the power of the equipment is turned ON, the following menu appears.

This menu also appears when the [ACCESS] button on the control panel is pressed or the automatic function clear has worked.



Tips

Automatic function clear:

- This function returns all settings to default without the need to press the [FUNCTION CLEAR] button on the control panel. It works when a specified period of time has passed since the last paper exit or the last entry of any button. When department or user management is being used, the display returns to the department code or user information input menu. When they are not being used, the display returns to the basic menu for the copying function.
- The period is set at 45 seconds by default at the time of installation of the equipment. To change the setting, refer to the following guide:
[MFP Management Guide \(PDF\): "Chapter 1: SETTING ITEMS \(USER\)" - "Setting General Functions"](#)
- When connecting to equipment with department or user management enabled using client software, you may need to log in. For details, ask your administrator.

Key in a department code (max. 63 digits) previously registered and press [OK] on the touch panel. The menu will switch and the equipment will be ready for use.

If the department code keyed in is incorrect, the menu does not change. Key in the correct one.

After the operation

When you finish all operations, press the [ACCESS] button on the control panel to prevent unauthorized use of the equipment. The display returns to the department code input menu.

User management

You can restrict users or manage available functions and past records by means of user management. When the equipment is managed under this function, turn the power ON and enter the information required (e.g. user name, password). The menu for entering user information also appears when you press the [ACCESS] button on the control panel or automatic function clear has worked. Enter the information according to the procedure below.

Tip

If a guest user is enabled in the user management function, [GUEST] is displayed on the touch panel. Press [GUEST] to log in as a guest user. For the types of functions available, consult the administrator.

MFP local authentication, LDAP authentication

USER AUTHENTICATION ?

Key in the user name and password. Press OK.

USER NAME

PASSWORD

GUEST

OK

2011/05/10 10:49 JOB STATUS

Windows Domain Authentication

USER AUTHENTICATION ?

Key in the user name and password. Press OK.

USER NAME

PASSWORD

DOMAIN dept01

GUEST

OK

2011/05/10 10:49 JOB STATUS

1 The menu for user authentication appears.

MFP local authentication, LDAP authentication

Windows Domain Authentication

The domain name previously set by the network administrator is displayed in [DOMAIN].

Tip

If the domain name belonging to your organization is not displayed, press [DOMAIN] and select it.

2 Press [USER NAME].

3 Enter the user name (maximum 128 letters) and then press [OK].

4 Press [PASSWORD].

5 Enter the password (maximum 64 letters) and then press [OK].

6 Press [OK].

7 The equipment becomes being ready to perform copying and other functions.

Specifications of Equipment

This section describes the types of acceptable paper, sheet capacity of each feeder and the specifications of the equipment.

Acceptable paper

Feeder	Media type	Weight	Maximum sheet capacity	Paper size
Drawers ^{*1}	PLAIN	PLAIN1 64 - 80 g/m ² 17 - 23 lb. Bond	Approx. 600 sheets (64 g/m ² , 17 lb. Bond) Approx. 540 sheets (80 g/m ² , 20 lb. Bond)	AB format: A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO, 305 mm x 457 mm, 320 mm x 450 mm ^{*8} , 320 mm x 460 mm ^{*8} LT format: LD, LG, LT, LT-R, ST-R, COMP, 13" LG, 8.5" SQ, 12"x18" K format: 8K, 16K, 16K-R
		PLAIN2 81 - 105 g/m ² 24 - 28 lb. Bond	Approx. 500 sheets	
	RECYCLED PAPER	64 - 105 g/m ² 17 - 28 lb. Bond	Approx. 600 sheets (64 g/m ² , 17 lb. Bond) Approx. 540 sheets (80 g/m ² , 20 lb. Bond) Approx. 500 sheets (81 - 105 g/m ² , 24 - 28 lb. Bond)	
	THICK1	106 - 163 g/m ² - 90 lb. Index	Approx. 300 sheets	
	THICK2	164 - 209 g/m ² - 110 lb. Index	Approx. 250 sheets	
	THICK3	210 - 256 g/m ² - 140 lb. Index	Approx. 200 sheets	
Tandem Large Capacity Feeder	PLAIN	PLAIN1 64 - 80 g/m ² 17 - 23 lb. Bond	Approx. 2500 sheets (64 g/m ² , 17 lb. Bond) Approx. 2360 sheets (80 g/m ² , 20 lb. Bond)	A4, LT
		PLAIN2 81 - 105 g/m ² 24 - 28 lb. Bond	Approx. 2000 sheets	
	RECYCLED PAPER	64 - 105 g/m ²	Approx. 2500 sheets (64 g/m ² , 17 lb. Bond) Approx. 2360 sheets (80 g/m ² , 20 lb. Bond) Approx. 2000 sheets (81 - 105 g/m ² , 24 - 28 lb. Bond)	
	THICK1	106 - 163 g/m ² - 90 lb. Index	Approx. 1400 sheets	
	THICK2	164 - 209 g/m ² - 110 lb. Index	Approx. 1000 sheets	
	THICK3	210 - 256 g/m ² - 140 lb. Index	Approx. 800 sheets	
External Large Capacity Feeder (optional)	PLAIN	PLAIN1 64 - 80 g/m ² 17 - 23 lb. Bond	Approx. 3000 sheets (64 g/m ² , 17 lb. Bond) Approx. 2500 sheets (80 g/m ² , 20 lb. Bond)	A4, LT
		PLAIN2 81 - 105 g/m ² 24 - 28 lb. Bond	Approx. 2200 sheets	
	RECYCLED PAPER	64 - 105 g/m ²	Approx. 3000 sheets (64 g/m ² , 17 lb. Bond) Approx. 2500 sheets (80 g/m ² , 20 lb. Bond) Approx. 2200 sheets (81 - 105 g/m ² , 24 - 28 lb. Bond)	
	THICK1	106 - 163 g/m ² - 90 lb. Index	Approx. 1500 sheets	
	THICK2	164 - 209 g/m ² - 110 lb. Index	Approx. 1200 sheets	
	THICK3	210 - 256 g/m ² - 140 lb. Index	Approx. 1000 sheets	
Bypass tray	PLAIN	PLAIN1 64 - 80 g/m ² 17 - 23 lb. Bond	Approx. 100 sheets (64 g/m ² , 17 lb. Bond) Approx. 80 sheets (80 g/m ² , 20 lb. Bond)	AB format: A3, A4, A4-R, A5-R, A6-R ^{*5} , B4, B5, B5-R, FOLIO, 305 mm x 457 mm, 320 mm x 450 mm ^{*8} , 320 mm x 460 mm ^{*8} , 330 mm x 483 mm ^{*8, *9} LT format: LD, LG, LT, LT-R, ST-R, COMP, 13" LG, 8.5" SQ, 12"x18", 13"x19" ^{*8, *9} K format: 8K, 16K, 16K-R Non-Standard size (Copy): Length: 100 - 297 mm (3.9 - 11.7"), Width: 148 - 432 mm (5.8 - 17") Non-Standard size (Print): Length: 100 - 313.4 mm (3.9 - 12.34"), Width: 148 - 1200 mm (5.8 - 47.24") ^{*10}
		PLAIN2 81 - 105 g/m ² 24 - 28 lb. Bond	Approx. 80 sheets	
	RECYCLED PAPER	64 - 105 g/m ²	Approx. 100 sheets (64 g/m ² , 17 lb. Bond) Approx. 80 sheets (80 g/m ² , 20 lb. Bond) Approx. 80 sheets (81 - 105 g/m ² , 24 - 28 lb. Bond)	
	THICK1	106 - 163 g/m ² - 90 lb. Index	Approx. 40 sheets	
	THICK2 ^{*2}	164 - 209 g/m ² - 110 lb. Index	Approx. 30 sheets	
	THICK3	210 - 256 g/m ² - 140 lb. Index	Approx. 30 sheets	
	THICK4 ^{*3}	257 - 300 g/m ² - 110 lb. Cover	Approx. 30 sheets ^{*5}	
	SPECIAL1, SPECIAL2 ^{*4}	230 g/m ²	Approx. 30 sheets ^{*6, *7}	
	TRANSPARENCY	—	Approx. 30 sheets ^{*5}	A4, LT

^{*1} Use the bypass tray when you want to make a copy on the back side of copied Thick 1, Thick 2 or Thick 3 paper.

^{*2} For printing the sticker labels, select "THICK2" as the media type.

^{*3} When duplex copying is performed on THICK4, black streaks may appear on the copied image. They are highly visible on an image with high or uneven density.

^{*4} SPECIAL1 and SPECIAL2 represent "Waterproof paper".

^{*5} Automatic duplex copying is not available.

^{*6} For duplex copying, use paper available for duplex copying.

^{*7} To copy on the back side of copied SPECIAL1 paper, place the sheets one by one on the bypass tray.

^{*8} If an optional finisher has been installed, the receiving tray of the equipment, the upper receiving tray of the Finisher (MJ-1103) and the upper receiving tray of the Saddle Stitch Finisher (MJ-1104) are all available.

^{*9} Note that black streaks may appear on the edge of the printed paper.

^{*10} Paper can exit only on the receiving tray of the equipment.

Paper only acceptable for printing functions

Feeder	Media type	Weight	Maximum sheet capacity	Paper size
Bypass tray	PLAIN	90 - 105 g/m ² 24 - 28 lb. Bond	1sheet ^{*1,*2}	313.4 mm x 1200 mm (12.34" x 47.24")
	THICK1	106 - 163 g/m ² - 90 lb. Index		

*1 Place the sheets one by one on the bypass tray.

*2 Paper can exit only on the receiving tray of the equipment.

Recommended paper for each media type

Media type	Toshiba recommendations/Manufacturer		Weight
PLAIN1	A/B format:	TGIS Paper/mondi	80 g/m ²
	LT format:	TIDAL MP/Hammermill	20 lb. Bond
PLAIN2	A/B format:	ColorCopy/mondi	90 g/m ² , 100 g/m ²
	LT format:	Laser Print/Hammermill	24 lb. Bond
		Color Copy Paper/Hammermill	28 lb. Bond
THICK1	A/B format:	ColorCopy/mondi	120 g/m ² , 160 g/m ²
	LT format:	Color Copy Paper/Hammermill	32 lb. Bond
			60 lb. Cover
THICK2	A/B format:	ColorCopy/mondi	200 g/m ²
		3478 (label)/ZWECK-AVERY ^{*2}	—
	LT format:	5165 (label)/AVERY ^{*2}	
THICK3	A/B format:	ColorCopy/mondi	220 g/m ² , 250 g/m ²
	LT format:	Color Copy Cover/Hammermill	80 lb. Cover
THICK4	A/B format:	ColorCopy/mondi	280 g/m ² , 300 g/m ²
	LT format:	Color Copy Cover/Hammermill	100 lb. Cover
SPECIAL1 ^{*1}	A/B format:	Water Proof Paper Duplex/TOMOEAWA PAPER	—
	LT format:	Premium Speciality Paper (Glossy.Two-sided Weather Resistance Paper)/TOMOEAWA PAPER	
SPECIAL2	LT format:	AquaAce/Verbatim	—
TRANSPARENCY ^{*3}	A/B format:	BG72/FOLEX	
	LT format:	CG3700/3M	

*1 When paper is exiting, remove it every time about 10 sheets have accumulated on the receiving tray or the tray of the Finisher (optional).

*2 Automatic duplex copying is not available.

*3 Only Toshiba-recommended transparency should be used. Using any other one may cause a malfunction.

e-STUDIO5540C/6540C/6550C

Model name		FC-5540C/FC-6540C/FC-6550C
Type		Console type
Original glass		Fixed
Printing (copying) system		Indirect electro photographic method
Developing system		2-component magnetic brush developing
Fixing method		External heating STF fusing system
Photosensor type		OPC
Original scanning system		Flat surface scanning system (When the Reversing Automatic Document Feeder is installed: Fixed scanning system through feeding the original)
Original scanning sensor		Linear CCD sensor
Scanning light source		Xenon lamp
Resolution	Scanning	600 dpi x 600 dpi
	Writing	Black-and-white: 2400 dpi x 600 dpi Color, image smoothing: 600 dpi x 600 dpi, 8 bit
Acceptable originals		Sheets, books and 3-dimensional objects
Acceptable original size		Max. A3 or LD
Acceptable copy paper size	Drawer	A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO, 305 mm x 457 mm, 320 mm x 450 mm, 320 mm x 460 mm, LD, LG, LT, LT-R, ST-R, COMP, 13" LG, 8.5" SQ, 12" x 18", 8K, 16K, 16K-R
	Bypass	Paper size within 100 - 330 mm (5 1/2" - 12.99") (Length), 148 - 483 mm (8 1/2"-19.02") (Width) (For printing functions, within 466 mm - 1200 mm (18.35"-47.24") (width))
Acceptable copy paper weight	Drawer	64 - 256 g/m ² (17 - 80 lb. Cover (140 lb. Index))
	Bypass	64 - 300 g/m ² (17 -110 lb. Cover)
Warm-up time		Approx. 180 seconds
First copy time (A4 or LT portrait)	Black-and-white	e-STUDIO5540C/6540C: 5.3 seconds e-STUDIO6550C: 4.6 seconds
	Color	6.5 seconds
Continuous copy speed		Refer to the Copying Guide.
Multiple copying		Up to 9999 copies (digital key entry)
Excluded image width	Black-and-white	Leading edge: 4.2 mm + 2.8 mm - 1.2 mm (0.17" +0.11" -0.05"), Trailing edge: 3.0±2.0 mm (0.12"±0.08"), Both edge: 2.0±2.0 mm (0.08"±0.08")
	Color	Leading edge: 5.0±2.0 mm (0.20"±0.08"), Trailing edge: 3.0±2.0 mm (0.12"±0.08"), Both edge: 2.0±2.0 mm (0.08"±0.08")
	Printer (Black- and-white/Color)	Leading edge: 4.2 mm +2.8 mm - 1.2 mm (0.17" +0.11" -0.05"), Trailing edge: 4.2 mm +1.2 mm -2.8 mm (0.17" +0.05" -0.11"), Both edge: 4.2±2.0 mm (0.08"±0.08")
Reproduction ratio	Actual size	100±0.5%
	Zoom	25 - 400% (in 1% increments) For the Reversing Automatic Document Feeder 25 - 200% (in 1% increments)
Paper Supply	Drawer	Approx 540 sheets (80 g/m ² , 20 lb. Bond)
	Bypass Tray	Approx 100 sheets (80 g/m ² , 20 lb. Bond)
Receiving tray loading capacity		Approx 100 sheets (64 - 90g/m ² , 17 - 24 lb. bond)
Toner density adjustment		Magnetic auto-toner system and Pixel counter control
Exposure control		Automatic plus manual selection from 11 exposure step
USB interface		USB2.0 (Hi-Speed)
Environment (for normal use)		Temperature: 10 ° - 30 °C (50 ° - 86 °F), Humidity: 20 - 85% (No Condensation)
Power requirements and Power consumption (including optional equipments)		Europe AC 220 - 240 V±10%, 13 A (50/60Hz), 3.2 kW or less North America e-STUDIO5540C: AC 115 V±10%, 16 A (50/60Hz), 2.0 kW or less e-STUDIO6540C: AC 115 V±10%, 18.5 A (50/60Hz), 2.2 kW or less e-STUDIO6550C: AC 115 V±10%, 18.5 A (50/60Hz), 2.2 kW or less Other AC 220 - 240 V±10%, 10 A (50/60Hz), 2.4 kW or less * Including Saudi Arabia 200 V


Dimensions (equipment only)	1109 mm (43.66") (W) x 698 mm (27.48") (D) x 1540 mm (60.63") (H)
Weight	3-drawer model: Approx. 243 kg (535.7 lb) (equipment including drum) 4-drawer model: Approx. 244 kg (537.9 lb) (equipment including drum)
Space occupied (equipment only)	1534 mm (60.39") (W) x 778 mm (30.63") (D)
Storage capacity	Max. 1000 sheets or until the memory is full (Toshiba's own chart)

- This specification varies depending on the printing conditions and the environment.
- Specifications and appearance are subject to change without notice in the interest of product improvement.

Reversing Automatic Document Feeder

Copy sides	1-side, Duplex
Number of originals	100 originals (80 g/m ² , 20 lb. Bond) or 16 mm/0.63" or less in height (more than 80 g/m ² , 20 lb. Bond)
Feeding speed	60 sheets/min. (600 dpi)
Acceptable originals	A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO, LD, LG, LT, LT-R, ST-R, COMP (A5 and ST size are not acceptable)
Paper weight	1-sided original: 35 - 209 g/m ² , 9.3 - 110 lb. Index 2-sided original: 50 - 157 g/m ² , 13 - 40 lb. Bond
Power source	Supplied from the equipment

Specifications of Options

This section describes the specifications of the options sold separately. For details other than the specifications, see  P.60 "Options" in this manual.

External Large Capacity Feeder

Model name	MP-2501
Acceptable paper size	A4 or LT
Paper weight	64 - 256 g/m ² , 17 - 140 lb. Index
Maximum capacity	2500 sheets (80 g/m ² , 20 lb. Bond)(Height: Approx. 290 mm or 11.42")
Power source	Supplied from the equipment
Dimensions	326 mm (12.83") (W) x 610.5 mm (24.04") (D) x 464.5 mm (18.29") (H) (when installed to the equipment)
Weight	Approx. 28.5 kg (62.8 lb.) (including installing unit)

Finisher

Model name	MJ-1103	MJ-1104		
Type	Floor type (Console type)			
Acceptable paper size	A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO, 305 mm x 457 mm, 320 mm x 450 mm, 320 mm x 460 mm, 330 mm x 483 mm, LD, LG, LT, LT-R, ST-R, COMP, 8.5"SQ, 13"LG, 12" x 18", 13" x 19", 8K, 16K, 16K-R			
Acceptable paper weight	64 - 300 g/m ² (17-110 lb. Cover)			
Number of copies stapled at a time (including 2 covers (64 - 256 g/m ² , 17 lb. Bond to 140 lb. Index))	Paper size	80 g/m ² 20 lb. Bond	90 g/m ² 24 lb. Bond	105 g/m ² 28 lb. Bond
	A4, B5, LT, 8.5"SQ, 16K	50 sheets	50 sheets	30 sheets
	A3, A4-R, B4, FOLIO, LD, LG, LT-R, COMP, 13"LG, 8K	30 sheets	30 sheets	15 sheets
Stapling position	Front, Rear, Double			
Saddle stitching	Not available	Available		
Number of copies saddle stitched at a time		A3, B4, A4-R, LD, LG, LT-R, 8K		
		80 g/m ² 20 lb. Bond	90 g/m ² 24 lb. Bond	105 g/m ² 28 lb. Bond
		15 sheets	15 sheets	10 sheets
Center folding	Not available	Available		
Number of copies center-folded at a time		A3, B4, A4-R, LD, LG, LT-R, 8K		
		80 g/m ² 20 lb. Bond	90 g/m ² 24 lb. Bond	105 g/m ² 28 lb. Bond
		5 sheets	5 sheets	5 sheets
Power source	Supplied from the equipment			
Dimensions	617 mm (24.29") (W) x 603 mm (23.74") (D) x 1085 mm (42.72") (H)			
Weight	Approx. 40 kg (88.18 lb.)	Approx. 70 kg (154.3 lb.)		
Power consumption	100 W max.			

Tray loading capacity of Finisher

Unit: mm (with allowable error of ± 7 mm or 0.28")Values in parentheses: Number of sheets (80g/m² or 20 lb. Bond)

Upper Tray


With mixed paper not loaded	
Mode	Non-Sort
A4, A5-R, B5, LT, ST-R, 8.5"SQ, 16K	36.75 mm (250)
A3, A4-R, B4, B5-R, FOLIO, 305 mm x 457 mm, LD, LG, LT-R, COMP, 13"LG, 12"x18", 8K, 16K-R	18.4 mm (125)

Lower Tray

With mixed paper not loaded				
Mode	Non-sort	Sort/Group	Front/Rear Single Position Stapling	Two Positions Stapling
A4, B5, LT, 8.5"SQ, 16K	350 mm (3000)	350 mm (3000)	Whichever of 100 copies or 2000 sheets is reached first	Whichever of 150 copies or 2000 sheets is reached first
A3, A4-R, B4, FOLIO, LD, LG, LT-R, COMP, 13"LG, 8K	175 mm (1500)	175 mm (1500)	Whichever of 50 copies or 1000 sheets is reached first	Whichever of 75 copies or 1000 sheets is reached first

• When mixed-size paper is loaded, the tray loading capacity should follow the specifications for larger paper sizes in the above tables.

• For the loading capacity of the saddle stitch tray, refer to the following guide:

 **Copying Guide** (PDF): "Chapter 3: BASIC COPY MODES" - "Selecting Finishing Mode"

Hole Punch Unit

Model name	MJ-6102 Series
Acceptable paper size	A3, A4, A4-R, B4, B5, B5-R, FOLIO, LD, LG, LT, LT-R, COMP, 8.5"SQ, 13"LG, 8K, 16K, 16K-R
Acceptable paper weight	64 - 256 g/m ² , 17 lb. Bond - 140 lb. Index (Transparencies or specially-treated paper are not available)
Dimensions	112 mm (4.41") (W) x 573 mm (22.56") (D) x 323 mm (12.72") (H) (excl. Lower cover)
Weight	Approx. 7 kg (15.4 lb.)


	Numbers of punching holes and hole diameter	Available paper size
Japan and most of Europe (MJ-6102E)	2 holes (6.5 mm or 0.26" dia.)	A3, A4, A4-R, B4, B5, B5-R, FOLIO, LD, LG, LT, LT-R, COMP, 8.5"SQ, 13"LG, 8K, 16K, 16K-R
North America (MJ-6102N)	2/3 holes switchable (8.0 mm or 0.32" dia.)	2 holes: A4, B4, B5, B5-R, FOLIO, LT, LG, 13"LG, COMP, 8.5"SQ, 16K 3 holes: A3, A4, LD, LT, 8K, 16K
France (MJ-6102F)	4 holes (6.5 mm or 0.26" dia.; 80 mm or 3.15" pitch)	A3, A4-R, LT-R, LD, 8K, 16K
Sweden (MJ-6102S)	4 holes (6.5 mm or 0.26" dia.; 70 mm and 21 mm or 2.76 and 0.83" pitch)	A3, A4, A4-R, B4, B5, B5-R, FOLIO, LD, LG, LT, LT-R, COMP, 8.5"SQ, 13"LG, 8K, 16K, 16K-R

FAX Unit

Model Name	GD-1270
Size of Original	A3, A4, A4-R, A5, A5-R, B4, B5, B5-R, FOLIO, LD, LT-R, LG, ST, ST-R, COMP
Recording Paper Size	297 mm - 420 mm (A3), 210 mm - 297 mm (A4), 148 mm - 210 mm (A5), 257 mm - 364 mm (B4), 182 mm - 257 mm (B5)
Compatibility Communication Modes	Exclusive Mode, ECM, G3
Communication Resolution	Horizontal: 8 dots/mm, 16 dots/mm, 300 dots/inch Vertical: 3.85 lines/mm, 7.7 lines/mm, 15.4 lines/mm, 300 dots/inch
Transmission Rate	33,600/31,200/28,800/26,400/24,000/21,600/19,200/16,800/14,400/12,000/9,600/7,200/4,800/2,400 bps
Encoding Systems	JBIG/MMR/MR/MH
Printing Method	Laser electronic printing
Memory Capacity	Transmission/Reception: 1 GB (HDD) *1
Unit Type	Desktop type, transmitting/receiving dual type
Applicable Network	Public Switched Telephone Network (PSTN)

*1 For hard drives, MB means 1 million bytes. (Total HDD accessible capacity may vary depending on operating environment.)

For details of the FAX Unit (GD-1270), refer to the following guide:

 **GD-1250/GD-1260/GD-1270 Operator's Manual for FAX Unit:** "Chapter 1: BEFORE USING FAX"

Toshiba-recommended paper is used for the values above. Specifications and appearance are subject to change without notice in the interest of product improvement.

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MULTIFUNCTIONAL DIGITAL COLOR SYSTEMS
Quick Start Guide

e-STUDIO5540c

e-STUDIO6540c

e-STUDIO6550c

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